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62,09

= 1947 =

NURSERYMEN'S EXCHANGE

WHOLESALE
LIST

PLANTS • BULBS • SEEDS

938 Howard Street EXbrook 0078
San Francisco, California

Mums page 30-59 • Gladioli page 9 • Index on back page

ORCHIDS CATTLEYA HYBRIDS

NO ORDERS FOR LESS THAN 10 PLANTS

Name	Size	Each
C. Goleta (C. labiata x C. Cooksonii)	6"	\$27.50
Lc. Memoria Helene Ammenheuser (Lc. Mrs. Harold Lloyd x C. Remy Chollet)	4 1/2"	20.00
C. Portola (C. Profusion x C. Mrs. F. Knollys)	4"	25.00
Lc. Shoshone (L. purpurata x C. Profusion)	4"	15.00
C. Cowaniae (C. Mossiae x C. Intertexta)	4"	15.00
C. Sir Pertinax (C. Sir Walter Scott x C. Mossiae)	5"	27.00
C. Varuna (C. Intertexta x C. Annie J. Lines)	4"	20.00
C. Illumination (C. Belinda x C. Trianae)	4"	25.00
C. Tellus (C. Intertexta x C. Prospector)	4"	25.00
C. Heyday (C. Profusion x C. Prospector)	3"	15.00
Lc. Fascinator-Mossiae x C. Woltersiana	2-2 1/2"	10.00
C. Trident (C. Trimos x C. Mossiae)	3"	15.00
C. Thule (C. Trimos x C. Dupreana)	2-2 1/2"	10.00
C. J. A. Carbone (C. Prospector x C. Mossiae)	3"	15.00
C. Dupreana x C. Prospector	3"	15.00
Lc. Fascinator-Mossiae x C. Dupreana	2-2 1/2"	10.00
C. Dupreana x C. Profusion	3"	15.00
C. Ashlands (C. Dupreana x C. Tityus)	3"	15.00
C. Dupreana x Lc. Agnes Frawley	3"	15.00
C. Celtica (C. Mossiae x C. Woltersiana)	2-2 1/2"	10.00
C. Harold x C. Prospector	2-2 1/2"	10.00
C. Dupreana x C. Intertexta	2-2 1/2"	10.00
C. Gay Gordon x C. Prospector	2-2 1/2"	12.50
Lc. Hassallii Alba x C. Fabianid Alba	3"	20.00
Lc. Valencia x Lc. Britannia	3 1/2"	20.00
C. Labiata (Species)	3"	15.00
Lc. Tartan x C. Annie J. Line	3"	15.00
C. Trimos x C. Athena	2-2 1/2"	10.00
C. Diplomat x C. Athena	2-2 1/2"	10.00
C. Remy Chollet x C. Athena	1 1/2"	7.00
Lc. S. J. Bracey x Lc. Golde nWest	1 1/2"	10.00
C. Warneri Alba x C. Lady Veitch	2-2 1/2"	20.00
C. Luegeae Alba x Lc. Hassallii Alba	1 1/2"	15.00
Lc. Integrity x C. Prospector	1 1/2"	12.00
C. Luegeae Alba x C. Brussels	2"	20.00
C. Edithiae, White Empress x C. Bebe White	1 1/2"	15.00
C. Estelle Alba x C. Bebe White	1 1/2"	15.00
C. Olive Pierson x C. Bebe White	1 1/2"	15.00
C. Mary Chilton Alba x C. Vivian Alba	2-2 1/2"	20.00
C. Brussels x Lc. Cynthia	2-2 1/2"	20.00
Lc. Schroederae Alba x C. Brussels Alba	1 1/2"	15.00
C. Loddigesii, Stanley's F.C.C. x C. Eucharis	2-2 1/2"	15.00
C. Luegea Alba x C. Amabilia Alba	2"	15.00
C. Peetersii x Lc. Princess Margaret	2"	10.00

Terms of Sale

1. Costly back ordering means time lost in starting crops. Rather than keep you waiting for items that are delayed or are scarce, we will substitute with varieties equally good or better unless you say "No Substitute."
2. No complaints entertained after five days from receipt of merchandise.
3. We supply 250 at the 1,000 rate of each variety.
4. Add 10% to the 1,000 rate if the 100 rate is not given.
5. All orders are accepted subject to cancellation in case of crop failure and other conditions beyond our control.
6. This price list cancels our previous list and quotations. No orders please for less than \$5.00.
7. We usually ship all merchandise during months specified unless notified to ship later. If months are not specified we ship upon receipt of order or soon thereafter.
8. Order now for any requirements in this list as many items are short.
9. Terms—Customers not having an established account with us, please send remittance with order. We do not send any orders C.O.D.
10. The Nurserymen's Exchange gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out; they will be in no way responsible for the crop.
11. All stock travels at risk of purchaser. This stock is carefully packed and we hold "good order" receipt from the Transportation Co. for same. There our responsibility ceases. If the stock reaches you in bad condition accept it "in bad order," notify agent and bring claim against the Delivering Co. for damage caused by their negligence, as no allowance for this cause can or will be made by us.

AGAPANTHUS UMBELLATUS

(Blue Lily of the Nile)

	Per 100
Large Divisions	\$35.00

ALSTROMERIA

(Peruvian Lily)

Large orange flowers. Good commercial cut flower.	
Large Divisions.....	\$9.00 per 100 \$80.00 per 1000

AMARYLLIS

GIANT FLORIST HYBRIDS. A specially selected strain for greenhouses. Bright and pastel shades mixed. California grown bulbs.

Large Bulbs.....	\$35.00 per 100
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AMARYLLIS BELLODONNA. Rose-pink. Used successfully for cut flowers.

Large bulbs....	\$15.00 per 100	\$140.00 per 1000
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ANEMONES

	PRICES PER 1000		
Jumbo	Tops	No. 1	No. 2
No. 3			

Monarch de Caen Mix

Single Pop-
py Type \$37.50 \$30.00 \$22.00 \$15.00 \$10.00

St. Brigid

Double
Type 42.50 35.00 28.00 18.00 12.50

Blue Poppy—Bright Blue
Single Poppy Type.. 35.00 28.00 18.00 12.50

His Excellency—Bright Red
Single Poppy Type.. 35.00 28.00 18.00 12.50

The Bride—White
Single Poppy Type.. 35.00 28.00 18.00 12.50

Sylphide—Lavender 35.00 28.00 18.00 12.50

Hollandia—Red 35.00 28.00 18.00 12.50

No. 1

Don Juan—Double Red \$37.50

Lord Derby—Double Blue 37.50

Queen of Violets—Dbl. violet 37.50

Rosette—Dbl., rose & white.. 37.50

Surprise—Double, carmine.... 37.50

Purity—Double, white..... 37.50

AZALEAS

AZALEAS FOR GROWING ON SPRING DELIVERY

KURUME VARIETIES

F.O.B. East Coast

Coral Bell	Lorraine, Salmon Beauty, Hino Degiri
Hexe	Snow, Orange Coral Bells
Hino	Pink Pearl
Rooted Cuttings	\$57.50 per 1000
Transplants, Strong	110.00 per 1000
3 to 5 branched plants	110.00 per 1000
Transplants, Heavy	140.00 per 1000
5 to 10 branched plants	140.00 per 1000
Transplants, Triomphe	195.00 per 1000
2 to 3 branched plants	195.00 per 1000

LARGER SIZE KURUME VARIETIES

Same varieties as above

3 to 5 ins.	\$25.00 per 100
4 to 6 ins.	35.00 per 100
6 to 8 ins.	57.50 per 100
8 to 10 ins.	85.00 per 100

PERICAT VARIETIES

*Gardenia Supreme, Sweetheart Supreme, Mme. Pericat,
Jersey Belle*

Rooted Cuttings	\$ 85.00 per 1000
Transplants	195.00 per 1000
3-5"	30.00 per 100
4-6"	50.00 per 100
6-8"	75.00 per 100

AZALEAS BUDED DORMANT STOCK

Well grown, heavy budded plants for Fall delivery, 1946

Coral Bell only

4 to 6 ins.	\$ 55.00 per 100
6 to 7 ins.	88.00 per 100
7 to 8 ins.	112.50 per 100
8 to 10 ins.	137.50 per 100
10 to 12 ins.	170.00 per 100
12 to 14 ins.	230.00 per 100

LIMITED QUANTITY BELGIAN INDICAS OWN ROOT

Triomphe, Paul Schame, Jean Hearens, Van Der Crysen, Eclaireur	
3- 5"	\$ 60.00 per 100
4- 6"	90.00 per 100
6- 8"	125.00 per 100
8-10"	175.00 per 100

BABY GLADIOLI

SEPTEMBER TO NOVEMBER DELIVERY

	Per 100	Per 1000
Peach Blossom—Exquisite Pink	\$6.50	\$57.50
Pink Perfection—Rosy Pink	6.50	57.50
Blushing Bride—White with Carmine blotch	6.50	57.50
The Bride—Lovely White	6.50	57.50
Spit Fire—Brilliant Reddish Salmon	6.50	57.50

BEGONIA BULBS

(Tuberous)

JANUARY DELIVERY

California Grown

Prices—All varieties and colors

	Per 100	Per 1000
5/8 to 3/4 inch diameter	\$4.00	\$ 30.00
3/4 to 1 inch diameter	5.50	45.00
1 to 1 1/2 inch diameter	7.50	65.00
1 1/4 to 1 1/2 inch diameter	10.00	90.00
1 1/2 to 2 inch diameter	14.00	130.00
2 inch and up	18.50	170.00

TYPES AVAILABLE: Double Camellia, Double Carnation, Double Rosebud, Double Picotee, Double Hanging Basket, Giant Single, Giant Single Frilled, Giant Single Crested, and Multiflora.

COLORS AVAILABLE: White, Blush, Pink, Rose, Yellow, Apricot, Orange, Dark Red, Scarlet, Dark Salmon, Cardinal Red, Flame Orange, Light Salmon, Crimson Rose and American Beauty.

TUBEROUS BEGONIA PLANTS

MAY TO JULY DELIVERY

Order Plants as Soon as This List is Received
(Above varieties and colors)

Please order in units of 100 or 150 to each color as they come planted in flats, 100 or 150 plants of one color to flat. No orders please for less than three flats. Plants will bloom about two months from shipping date.

They have proved highly satisfactory for retail sales right out of the flat or for transplanting in 4" or 5" pots. Also sold in mixed flats.

Price per 1000 \$70.00

BLEEDING HEARTS

Dicentra Spectabilis, 3-5 Eye Roots.

\$40.00 per 100 \$8.75 per 20

CACTI AND SUCCULENTS

Standard Commercial Collection

20 varieties ready for 3-inch pots.

\$4.50 per 100 \$40.00 per 1000

De Luxe Novelty Collection

20 varieties ready for 3-inch pots.

\$6.50 per 100 \$60.00 per 1000

CALADIUM

F.O.B. Florida

	Per 100	Per 1000
No. 1 Bulbs for forcing	\$18.00	\$160.00
Jumbo Bulbs for forcing	25.00	230.00

Candidum—Snow white with green veins. Narrow green border.

Crimson Wave—Crimson with a slight greenish tint.

Mrs. W. B. Haldeman—Glowing bright pink with green edge.

Mrs. Sanders—Roundish dark green leaves. Transparent deep rose.

Mrs. Edith Mead—Snow white leaves, with red ribs. Green edge.

John Peed—Transparent cherry-red center, margin green.

Lord Derby—Transparent rose; dark green ribs.

Reconcavo—Rose center, carmine ribs.

Macahyda—Moss green leaf, spotted lilac. Heavy scarlet ribs.

Pink Cloud—New pink.

Sorocaba—Silvery pink suffused white. Green ribs.

CALADIUM ESCULENTUM

(Elephant's Ear)

No. 1 Bulbs	\$ 15.00 per 100
	140.00 per 1000

CALLA ARUM PICTUM

Black Calla

\$32.00 per 100

CALLA ELLIOTTIANA

Yellow Calla

	Per 100
1 3/4 to 2 inch	\$ 9.00
2 to 2 1/2 inch	14.00
2 1/2 to 3 inch	23.00
3 inch up	32.00

CALLA REHMANNI

Improved Pink Calla

1 to 1 1/4 inch	\$18.00
1 1/4 to 1 1/2 inch	24.00
1 1/2 to 1 3/4 inch	30.00
1 3/4 to 2 inch	36.00

CARNATION ROOTED CUTTINGS

F.O.B. East Coast
FEBRUARY DELIVERY

We prefer shipping via air express. Please let us know if we can do this.

White Varieties

	Per 100	Per 1000
Northland	\$20.00	\$150.00
Arundel	12.00	100.00
Olivette	8.50	75.00
Puritan	7.00	60.00

Light Pink Varieties

Hercules Virginia	\$15.00	\$125.00
Virginia	12.00	100.00

Medium Pink Varieties

Virginia Rose	\$ 8.50	\$ 75.00
Peter Fisher	8.50	75.00

Dark Pink Varieties

Virginia Miller	\$15.00	\$125.00
D. P. Fisher	8.50	75.00
John Briry (Supply Limited)	8.50	75.00

Light Salmon Pink Varieties

Charm (Patented)	\$20.00	\$150.00
Salmon Virginia	12.00	100.00

Scarlet Varieties

William Sim (Patented)	\$20.00	\$150.00
#16 Red	20.00	150.00
Victory Red	12.00	100.00

Crimson Varieties

C. W. Weld	\$12.00	\$100.00
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Novelty Colors

Miller's Yellow	\$12.00	\$100.00
Pelargonium (Supply limited)	15.00	125.00
Scarlet King (Supply limited)	15.00	125.00
Georgina (White variegated)	12.00	100.00

No order accepted for less than 100 cuttings
of one variety

CANNAS

(Best of Quality)

JANUARY DELIVERY

	Per 100	Per 1000
The President—Red	\$8.50	\$ 75.00
Indiana—Orange	8.50	75.00
Hungaria—Pink	8.50	75.00
Florence Vaughn—Yellow, Red Throat	8.50	75.00
Copper King—Giant Apricot	8.50	75.00
Winters Colossal—Scarlet	8.50	75.00
Dorothy S.—Dwarf Salmon Red	8.50	75.00
Yellow and Red Humbert	8.50	75.00
Mixed Colors	7.50	65.00

COLUMBINE

FEBRUARY DELIVERY

Long Spurred Giant Hybrids

Large field grown clumps.

	Per 100
Giant Orange and Scarlet Shades	\$20.00
Chrysanthemum Snow Queen White	20.00
Giant Crimson Shades Hybrids	20.00
Giant Blue Shades Hybrids	20.00
Giant Mixed Shades Hybrids	20.00

DAHLIAS

JANUARY TO APRIL DELIVERY

Large flowering, choice collections. Excellent for retail sales, eight varieties, 15 of each variety \$27.50 for collection. Each bulb labeled.

Pom-Pom Collection: Six excellent varieties, 12 of each variety at \$17.50 per entire collection. Each bulb is labeled.

DAISIES

FALL TO SPRING DELIVERY

Field Grown Roots

	Per 100
Edgebrook Giants	\$75.00
Esther Reeds	10.00
Marconi Daisy	10.00
Transvaal Daisy—Single, bright colors mix	14.00
Transvaal Daisy—Double hybrid mix	40.00

DELPHINIUM CLUMPS

JULY TO MARCH DELIVERY

	Per 100
Top quality extra large field grown clumps. Giant Pacific hybrid strain.	\$20.00

VARIETIES AVAILABLE

Summer Sky—light blue	King Arthur—dark violet
Bluebird—bright blue	Round Table—mix
Blue Jay—dark blue	Guinevere—pink lavender
Lancelot—lavender	Gallahad—clear white
Cameliard—lavender	Black Knight—dark violet

FUCHSIA COLLECTION

ROOTED CUTTINGS

10 Choice Recent Varieties, 15 of each variety. 150 Rooted Cuttings at \$22.50

GARDENIA VETCHII & BELMONTIS

Flowering Size

\$36.00 per 100

\$340.00 per 1000

Gladioli Bulbs

- ***Algonquin**—New Brilliant Red.
- ***Alladin**—Bright Salmon, Cream Blotch.
Bagdad—Light Red.
Beacon—Salmon Scarlet, Cream Throat.
Betty Nuthall—Glowing Orange Pink.
Bonneville—Ruffled Deep Salmon Pink.
- ***Carioca**—Orange Scarlet.
Chas. Dickens—Purple Violet.
- ***Chamouny**—Light Cherry Rose.
Commander Koehl—Deep Red.
- ***Coral Glow**—Orange Coral.
- ***Corona**—White Edged Rose.
Dream of Beauty—Rose-Red.
Dr. F. E. Bennett—Fiery Scarlet Red.
Early Peach—Novelty Pink.
- ***Ethel Cave Cole**—Extra Large Pink.
Golden Chimes—Large Yellow.
Golden Cup—Early Gold.
- ***Green Light**—Ruffled Greenish White.
Greta Garbo—Creamy Rose, Yellow Lip.
- ***Jeanie**—Rose Pink.
Kassel—Large New Scarlet.
King Arthur—Commercial Lavender.
King Lear—New Ruffled Purple.
La Fiesta—Tall, Rich Orange.
Leona—Rosy Red.
Maid of Orleans—Best Creamy White.
- ***Margaret Beaton**—White, Scarlet Throat.
Margaret Fulton—Deep Salmon.
Minuet—Clear Lavender.
- ***Myrna**—Ruffled Creamy White.
Paradise—Clear Apricot.
Paul Pfitzer—Tall, Purple.
Peggy Lou—Deep Pink.
Pelegrina—Deep Blue Violet.
- ***Picardy**—Apricot Pink.
Polar Ice—Large White.
Red Phipps—Salmon Red.
Rewi Fallu—Immense Deep Blood Red.
Rosa Van Lima—Light Pink.
Shirley Temple—Cream, Blush Pink Throat.
- ***Snow Princess**—Cream White.
- ***Takina**—Immense Rosaline Purple.
Tip-Top—Large Scarlet Red.
Token—Ruffled Salmon Orange.
Virginia—Excellent Scarlet.
Wurtembergia—Scarlet Cream Throat.
Yellow Emperor—Fine Yellow.
Select Florist Mix.

PRICE PER 1000			
No. 1	No. 2	No. 3	No. 4
\$40.00	\$34.00	\$28.00	\$22.00

* Varieties marked * are \$10.00 more per 1000.
Prices on smaller bulbs sent on request.

GLOXINIA BULBS

JANUARY DELIVERY

	Per 100	Per 1000
3/4 to 1 inch diameter.....	\$ 8.00	\$ 70.00
1 to 1 1/2 inch diameter.....	13.50	125.00
1 1/4 to 1 1/2 inch diameter.....	17.00	160.00
1 1/2 to 2 inch diameter.....	23.00	220.00
2 inch up.....	28.50	

VARIETIES

Blanche de Meru—Rose, white throat

Emperor Frederick—Scarlet. White Border

Emperor William—Violet. White Border

Etoile de Feu—Scarlet

Mount Blanc—Pure white

Prince Albert—Dark violet. Frilled edge

Princess Elizabeth—Blue with white throat

Roi des Rouges—Dark crimson. Frilled edge

Tigrinia—Range from light rose to dark lavender.

Violacea—Soft violet

GLOXINIA PLANTS

SHIPPED FROM MAY 1ST TO JULY 1ST

Order Plants as Soon as This List Is Received

Plants are shipped safely in flats anywhere in the United States. They are ready for transplanting in 4" to 5" pots.

Per 1000 \$70.00

Kindly order in units of 100 or 150 to each variety as they come planted in flats 100 or 150 plants of one variety to a flat. No orders less than three flats, please.

HEMEROCALLIS

Day Lilies

Collection of 10 choice varieties in all shades and colors. Six of each variety individually labeled.

\$17.00 per Collection

HYACINTHS

	Per 100
Top Size for Forcing.....	\$19.00
No. 1 Size for Forcing.....	15.00
Bedding Size	10.00

IRIS KAEMPFERI

Collection of 10 choice varieties, 6 of each, in all colors.

\$17.00 per Collection

HYDRANGEAS

JANUARY DELIVERY

Pot grown with plump buds. Perfect for early forcing, Easter and Mother's Day.	Per 100
Rooted Cuttings (Spring delivery).....	\$ 25.00
2 to 3 heavy canes.....	60.00
3 to 5 heavy canes.....	75.00
4 to 7 heavy canes.....	100.00

Aiskamm—Rose-pink.

Altona—Clear pink.

Ami Pasquaar—Red.

***Daphine**—Brilliant pink.

Caprice—Excellent white.

Engels White—Strong grower.

Europa—Salmon pink.

E. Moulliere—White.

Fortschrett—Deep carmine.

***Gertrude Glahn**—Dark rose.

***Goliath**—Dark rose.

Hamburg—Carmine.

***Helen Merritt**—Deep rose.

***Kuhnert**—Rose pink.

Louis Savage—Dark pink.

M. Baardse—Salmon red.

***M. Foch**—Deep carmine.

***Merritts Beauty**—Dark carmine red.

Merveille—Light red.

***Niedersachsen**—Light pink.

***Norwood**—Deep pink.

Parsifal—Red.

Regula—White.

Signy Hartmann—Dark pink.

Sonnengruss—Rose pink.

Stafford—Dark blue.

* Can be blued

IRIS—DUTCH

		Per 100	Per 1000
Wedgewood	7 1/2/8 cm.	\$3.00	\$25.00
Earliest Blue	9/10 cm.	5.00	42.50
	10/11 cm.	6.00	55.00
Imperator —Late Blue	5/6 cm.	2.00	15.00
	6/7 cm.	2.50	20.00
	7/8 cm.	4.00	33.00
Yellow Queen	6/7 cm.	3.50	28.00
	7/8 cm.	5.00	38.00
Golden Harvest	6/7 cm.	4.50	37.50
Yellow Emperor	6/7 cm.	4.50	37.50
White Excelsior	5/6 cm.	3.25	27.50
Early White	6/7 cm.	4.50	40.00
	7/8 cm.	5.50	50.00
J. De Wit	5/6 cm.	2.25	16.00
Dark Blue Early	7/8 cm.	3.50	30.00
David Haering	5/6 cm.	3.25	27.50
Early White	6/7 cm.	4.50	40.00
	7/8 cm.	5.50	50.00

LILIES

L. FORMOSANUM—Excellent white.

\$12.50 per 100

L. TIGRINUM—One of the best in Tiger Lilies.

\$25.00 per 100

L. CROFT LILY—Considered America's leading variety for Easter forcing.

Bulb Size	No. in Case	Price per Case
7-8 inch	250	\$145.00
8-9 inch	200	145.00
9-10 inch	150	145.00
10 inch and up	100	115.00

L. CREOLE LILIES—For Easter forcing.

Size	Number per Case	Price per Bulb	Price per Case
6/7"	400	15c	\$60.00
7/8"	300	23c	69.00

L. SPECIOSUM RUBRUM—White tinted pink spotted red.

Large bulbs **\$65.00 per 100**

L. HENRYI—Orange-yellow. 10-20 flowers on stem.

Ex. large **\$30.00 per 100**
Large **22.50 per 100**

L. TENUIFOLIUM—Deep scarlet orange.

Med. bulbs **\$15.00 per 100**

L. CANDIDUM—Madonna Lily.

Large size **\$38.50 per 100**

L. REGALE

	Per 100	Per 1000
Medium	\$11.00	\$100.00
Large	14.00	125.00
Extra Large	18.00	170.00
Jumbo	22.00	210.00

L. WILLMOTTIAE—Produces 15 to 20 flowers of a vivid orange-red with small brown spots.

Medium bulbs **\$21.00 per 100**

L. BELLINGHAM HYBRIDS—Colors range from soft yellow, buff, terra-cotta to shades of copper, orange and red, spotted red and brown.

Medium size **\$30.00 per 100**

LILY OF THE VALLEY—For outside planting. Blooming size.

\$4.00 per 100 \$35.00 per 1000

MUSCARI

(Grape Hyacinth)

		Per 100	Per 1000
Heavenly Blue—Medium		\$2.00	\$15.00
Large		2.50	20.00
B. Albus White—Medium		\$2.50	\$20.00
Large		3.00	25.00

NARCISSUS

King Alfred

		Per 100	Per 1000
Large D. N.		\$10.00	\$90.00
Rounds and D. N. Med.		8.50	75.00

ORNITHOGALUM

2"-2¹/₄"
Per 100 Per 1000

Arabicum (Star of Bethlehem). White with glossy black eye. Fine Easter flower		\$4.50	\$37.50
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PEONY ROOTS

3 to 5 eyes

		Per 100
Felix Croussi —Ruby red		\$40.00
Festiva Maxima —Early white		35.00
Floral Treasure —Pink		35.00
Fragrans —Late rose		35.00
Prince of Darkness —Dark red		50.00
Rubra Superba —New red		50.00
Red		28.00
Pink		28.00
White		28.00

PHLOX COLLECTION

10 choice varieties. 10 of each variety labeled individually.	
100 Large Roots	\$20.00 per Collection

TULIPS

In All Varieties

	PRICES	Per 1000	Per 100
Top Size		\$57.50	\$6.50

RANUNCULUS CLAREMONT HYBRIDS

	Mixed	Separate Colors
No. 2	\$17.50	\$22.50
No. 3	9.50	12.00

REDWOOD BURLS ALL YEAR DELIVERY

Excellent for water culture. Very decorative indoor novelty.	
Sprouts beautiful sprays of the famous California Redwood.	
\$6.50 dozen	

RUSSELL HYBRIDS LUPINES

Large Field Grown Clumps	\$20.00 per 100
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SCILLA CAMPANULATA

	Top Size	Per 100	Per 1000
Blue		\$4.00	\$35.00
Rose		4.00	35.00
White		4.00	35.00
Mixed		3.75	32.50

SMALL FRUITS

JANUARY DELIVERY

All Two-Year-Old Roots of the Best Top Quality

Thorny Boysenberries, Youngberries, and Loganberries	Per 100	Per 1000
	\$10.00	\$ 80.00
Thornless Boysenberries, Youngberries, and Loganberries	15.00	135.00
Cumberland Blackcap Raspberries.....	6.50	50.00
Cuthbert Red Raspberry.....	5.00	45.00
Rhubarb Cherry	15.00	140.00
Rhubarb Strawberry	12.50	111.00
Artichokes—Globe	15.00	140.00
Asparagus—Mary Washington	3.25	28.00

Strawberries:

Banner Certified Improved.....	3.00	20.00
Gems Everbearing	3.50	24.00

Onion Plants: White or Brown Plants in most varieties. Come approximately 100 plants per bundle. 60 bundles per crate. \$9.00 per crate of about 6000 plants.

Onion Sets: Yellow and white..... 8.50 per 50 lbs.

Grapes: Conards, Malagas, Muscats, Thompson Seedless, Tokays, Black Hamburg, Malvoise, Golden Chasselas, Ribier, Black Monukka, Alecante, Grenache, Emperor, Zinfandel, Lady Finger..... 16.00 150.00

We do not supply less than 50 of any one variety on the above items.

STEPHANOTIS

2½" pots.....	\$37.50 per 100	
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TIGRIDIAS PAVONIA HYBRIDS

	JANUARY DELIVERY	Per 100	Per 1000
½" to ¾"		\$4.25	\$37.50
¾" to 1"		5.50	45.00
1" and up.....		6.50	60.00

VIOLET PURPLE ROBE

Large field-grown divisions.

\$25.00 per 100

WATSONIAS

Pink, White and Lavender.....	Per 100	Per 1000
	\$4.50	\$40.00

Seeds

We carry a complete line of seeds. On items not listed please send us your order and we will fill it.

ASTERS

Wilt-Resistant

QUEEN OF THE MARKET

The Standard Early-flowering Type.

Azure Blue	Scarlet	Flesh Pink
Light Blue	Dark Blue	Rose
Crimson	White	
		1/4 Oz.
Each of the above		\$0.75
Mixed, all colors		.60
		Trade Pkt.
		\$0.40
		.40
		Oz.
		\$2.30
		2.20

CREGO

Azure Blue	Crimson	Lavender	Violet
Blue Flame	Deep Rose	Pink	White
Cattleya (Orchid Shades)		Purple	
		1/4 Oz.	Trade Pkt.
Each of the above		\$0.60	\$0.30
Crego Mixed, all colors		.50	.30
			Oz.
			\$1.85
			1.75

BEGONIA

Fibrous

Carmen—Dark bronze foliage, rose flowers.

Prima Donna—Carmine rose.

Fire Sea—Scarlet.

Trade Pkt.	1/64 oz.	1/32 oz.	1/4 oz.
\$1.00	\$3.00	\$5.00	\$9.00

BELLIS PERENNIS

Red and Rose each: Tr. pkt., 50c; 1/8 oz., \$2.00; 1/4 oz., \$3.50

White. Tr. pkts., only, 50c

Mixture. Tr. pkt., 50c; 1/8 oz., \$1.80; 1/4 oz., \$3.20

CALCEOLRIA

Select Florist Mix

Tr. pkt., \$1.00 1/64 oz., \$3.50

CINERARIA

Select Florist Mix

	Tr. Pkt.	1/64 oz.	1/32 oz.
Multiflora Nana Dwarf Mix	\$1.00	\$2.75	\$4.50
Cal. Super Giants Mixture or shades			
maroon, blue, crimson, salmon and			
white	1.00	2.75	4.50
Cremers Prize Strain	1.00	2.75	4.50

COLEUS

Rainbow Hybrids(Special Selected Strain)—This mixture contains every color known in this flower and we are confident it is unsurpassed by any other strain ever offered. Trade Pkt., 75c; $\frac{1}{2}$ oz., \$2.00; $\frac{1}{8}$ oz., \$3.50; $\frac{1}{4}$ oz., \$6.00.

SEEDS—continued

CORNFLOWERS

The flowers of these strains are large, fully double with long stems for cuttings. Sow now.

Black Boy

Red Boy

Blue Boy

Snowman

Pinkie

Each of above. Trade pkt., 15c; oz., 45c; 4 oz., \$1.45; lb., \$4.50

DELPHINIUM

For Forcing or Field Culture

If Delphinium seed is sown directly in the open as soon as soil can be handled, sturdy plants may be had for next winter's forcing or for flowering the following summer outdoors.

GIANT PACIFIC HYBRIDS

PRICES: Tr. pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; 1 oz., \$14.00.

Blue Bird Series—The clearest of medium blues with white bee. 2 1/2-in. flowers.

Galahad Series—The finest clear white Delphinium we list. Huge, double flowers borne on long, closely set spikes.

Black Knight Series—Deep midnight-violet. The darkest of them all.

Blue Jay Series—A brilliant true medium blue with dark bee.

Cameliard Series—A pure lavender self with white bee. Very attractive.

Round Table Series—Hybrid or "Trial ground mixture," containing many new and interesting color types not yet introduced.

Guinevere Series—Fine light, pinkish-lavender with white bee.

King Arthur Series—Royal-violet with white bee. Exceptional flower size.

Summer Skies Series—Light blue with an attractively contrasting white bee.

Clear White—A very fine clear white, large double-flowered hybrid Delphinium.

Blue Shades—One of our most popular strains. Mixture of light, medium and dark blue strains.

Lavender Pastel Shades—Mostly two-tone lavender combinations with brown or black bees.

Violet Shades—Deep, rich violet-blue colors with many contrasting white bees.

Mixture—A complete mixture of all colors in this fine hybrid type.

PRICES on Above Four Varieties and Mixture, Each: Tr. pkt., \$1.00; 1/8 oz., \$2.00; 1/4 oz., \$3.50; 1 oz., \$12.00.

LUPINUS RUSSELL

Selected Strain of Russell Lupinus

Tr. pkt., 50c

1 oz., \$2.00

SEEDS—continued

MARIGOLDS

The following six varieties are the most popular cut flower kinds on our list and under average conditions we believe they represent the most profitable sorts to grow for this purpose.

***All Double Orange.** This belongs to the Fistulosa or large flowered, solid quilled-petal type. Produces 85 to 90% double flowers, being preferred to Prince of Orange on this account. An excellent, long-stemmed cut flower strain that finds considerable use planted close and grown single-stemmed for spring greenhouse flowering.

***All Double Lemon.** Identical to the above strain, but a clear lemon yellow.

***All Double Mixture.** A mixture of the two All Doubles listed above with some intermediate shades.

***Guinea Gold.** A carnation flowered deep golden orange, long-stemmed. Freely produces, loosely petalled flowers, 3 inches in diameter. Fine for cutting.

***Yellow Supreme.** A bright lemon yellow, carnation flowered type similar to Guinea Gold, but slightly shorter stemmed. Sufficiently long though for greenhouse cut flower work.

***Gold Improved.** Excellent for greenhouse forcing, being larger flowered and longer stemmed than the original strain. Odorless.

Six Best Mixture. Our own carefully compounded formula mixture of the above varieties balanced according to their commercial value.

PRICES on above six varieties & mixture, each: Tr. pkt., 25c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.60; 4 oz., \$5.50.

PANSY

	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.
Holland Jumbo Mix.....	\$4.00	\$7.50	\$14.00
Super Swiss Giants Mix.....	4.00	7.00	12.00
Maple Leaf Giants Mix.....	4.00	7.00	12.00
Swiss Blue Thuner Sea.....	4.00	7.00	12.00
Swiss Red Alpenglow.....	4.00	7.00	12.00
Swiss Pure White Mount Blanc.....	4.00	7.00	12.00
Swiss Giant Carnation Gold.....	4.00	7.00	12.00
Swiss Violet Blue Berna.....	4.00	7.00	12.00
Geneva Giants.....	4.00	7.50	14.00
Swiss Giants.....	3.00	5.00	9.00

PETUNIAS

RAMONA DWARF RUFFLED GIANTS OF CALIFORNIA

Bushy, dwarf plants about 12 inches high with very large ruffled flowers. This is best known and most popular strain of Dwarf Ruffled Mixed. Tr. Pkt., \$1.00; $\frac{1}{32}$ oz., \$3.75; $\frac{1}{16}$ oz., \$7.00.

CALIFORNIA GIANTS. Tall strain. Prices same as Dwarf.

PETUNIA

DOUBLE CANADIAN GIANTS

Finest of double strains.

Tr. Pkt. \$4.00	$\frac{1}{64}$ oz. \$10.00	$\frac{1}{32}$ oz. \$17.50
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SEEDS—continued

PRIMULA SEED

	$\frac{1}{4}$ oz.	1 oz.	4 oz.
Primula Veris (Polyanthus)—Mix	\$2.00	\$ 6.00	\$18.00
Yellow	2.00	6.00	19.50
Blue Shades	5.50	16.00	—
Gold Laced	2.50	6.50	19.50
Mahogany	2.50	6.50	19.50
Red Shades	2.50	6.50	19.50

SNAPS—for Greenhouse forcing

Peace. We consider this the finest pure white Snap of all. Clean vigorous growth with excellent spikes. Tr. pkt., \$1.50.

Koester's White. Excellent early pure white. Tr. pkt., \$1.50.

No. 33 (Yoder's). A clean growing, beautiful light rose pink Cheviot Maid selection. Tr. pkt., \$1.50.

Peggy Schumann. Clean growing, extra fine creamy rose. Tr. pkt., \$2.00.

St. Louis Early Pink. Clear light pink. Long spikes and fine for Spring. Tr. pkt., \$1.50.

Marie Louise. Beautiful light shell pink; uniformly even growth. Tr. pkt., \$2.00.

Klondyke Supreme. Rich deep yellow. A vigorous growing, large flowered variety. Tr. pkt., \$1.00.

New Cincinnati. Medium rose pink. Long spikes and long stiff stems. Tr. pkt., \$1.00.

Afterglow. Still one of the finest orange bronze varieties for Spring. Tr. pkt., \$1.00.

Glorious. Strikingly brilliant. A more intense Afterglow color. Tr. pkt., \$1.50.

Lavender. Long stemmed and strong growing with long, heavy spikes of pleasing orchid lavender. Tr. pkt., \$1.50.

Supreme Red. A rich, velvety crimson with no objectionable magenta shading. Tr. pkt., \$1.50.

Forcing Mixture. Carefully blended from our 12 Best varieties. Tr. pkt., \$1.00.

SNAPS—for outdoor planting

Rosalie. (Majus Grand.) A rich deep rose; fine for cutting. Our most popular summer Snap.

Pinkie. (Majus Grand.) A lighter rose shade than Rosalie; very fine.

Alaska. (Maximum) The best long stemmed clear white variety for cutting.

Canary Bird. (Maximum) Long stemmed clear light yellow. Good cut-flower type.

Yellow Jacket. (Majus Grand.) An exceptionally attractive deep rich yellow.

Swingtime. (Maximum) Fine medium-light pink with white throat.

Maximum Crimson. A warm deep glowing crimson; valuable for cutting.

Red Cross. (Maximum) Velvety crimson combined with bright golden yellow.

Improved California Mixture. A carefully blended formula made up by ourselves of the above excellent varieties.

Orange Shades. (Nanum Grand.) Attractive shades of golden bronze. Dwarf and compact, for bedding only.

PRICES on all above: Tr. pkt., 25c; $\frac{1}{8}$ oz., 45c; $\frac{1}{4}$ oz., 80c; 1 oz., \$2.80.

SEEDS—continued

SALVIAS

America or **Globe of Fire**—The bushy plants grow 18 inches high, with the large spikes of brilliant scarlet flowers thrown well above the plant. Tr. pkt., 60c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.40; 1 oz., \$7.00.

Splendens (Scarlet Sage)—Beautiful, bright scarlet. 3 feet. Tr. pkt., 25c; $\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.60; 1 oz., \$5.00.

Bonfire (Clara Bedman)—Long stiff spikes of brilliant scarlet flowers. Tr. pkt., 25c; $\frac{1}{8}$ oz., 95c; $\frac{1}{4}$ oz., \$1.40; 1 oz., \$5.50.

Harbinger—Dwarf, large-flowering scarlet sort. 15 inches. Tr. pkt., 75c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$1.90; 1 oz., \$6.00.

STOCK

NON-BRANCHING COLUMN

American Beauty —Deep rose	Ball's Pink No. 11 —Light rose
Chamois Pink	pink
Dark Blue or Purple	Silvery Lilac or Lilac
Malmaison Pink —Shell pink	Lavender
Yellow Wonder	Ball's Rose Pink No. 14 —Rose
Gardenia —Glistening pure	pink
White	Ruby Red —Crimson red
\$1.00 Per Tr. Pkt.; \$9.00 Per Oz.	

GIANT BISMARCK, BRANCHING TYPE

Early Gt. Imperial

Antique Copper —Reddish	Blood Red
copper	Flesh Pink
Appleblossom —Blush white	Golden Ball
tinted	Golden Rose
Buttercup	Lavender (Lilac Lavender)
Chamois Ivory —Tinted old	Lilac or Light Blue
rose	Old Rose
Dark Blue	Rose —Rose pink
Elk's Pride —Royal purple	Mixed
Santa Maria —Fine white	
\$0.35 Per Tr. Pkt.; \$3.40 Per Oz.	

STREPTOCARPUS

Giant Flowered Mixture. (Cape Primrose.) Our original stock of this greenhouse winter flowering pot plant was grown by a European specialist; we are convinced that no better is obtainable. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.75.

VIOLA

	Tr. Pkt.	$\frac{1}{4}$ oz.	1 oz.
Arkwright Ruby —Crimson scarlet	\$.50	\$4.00	\$12.00
Blue Perfection —Clear blue	.35	2.00	6.50
Chantreyland —Apricot orange	.50	3.00	10.00
Papilio —Lavender	.35	2.00	6.50
White Perfection	.35	2.00	6.50
Lutea Grandiflora	.35	2.00	6.50
Mixture —Hybrid mixture	.35	2.00	6.50

HORTICULTURAL ACCESSORIES

BAMBOO CANE STAKES

DYED GREEN—Pencil Thickness.		Contents per Bale	Price Per 1000
1½ ft.		1000	\$ 5.00
2 ft.		1000	6.50
3 ft.		1000	9.00
3½ ft.		1000	10.25
4 ft.		1000	12.50
4½ ft.		1000	15.00
5 ft.		1000	18.50
6 ft.		1000	25.00

SPHAGNUM MOSS

\$4.00 per bale

OSMUNDA FIBER

High quality for orchids.

\$4.50 per bag

PLANT TIES

6¼" long. Twists easily and will not injure plants. Plant Ties are made of wire with soft velvet covering.

Per 1,000 \$ 3.00
Per 10,000 \$25.00

WOOD VENEER PLANT BANDS

F.O.B. East

Stapled	1000	With Bottoms
1¾ x 1¾ x 2½	\$4.75	\$6.50
2 x 2 x 2½	4.75	6.50
2½ x 2½ x 2½	5.50	7.25
2 x 2 x 3	5.50	7.25
2½ x 2½ x 3	5.50	7.50
3 x 3 x 3	5.75	7.75
4 x 4 x 3	5.95	7.95
3 x 3 x 4	5.95	7.95
4 x 4 x 4	6.95	8.95

Our bands are packed in wooden crates, 1000 to crate except size 4x4x4 500 to crate. We ship in crate lots only.

TROWELS

Narrow Trowels	\$2.40 doz.
Regular Trowels	2.40 doz.

CULTIVATORS

3 prong long handled adjustable	\$12.00 per doz.
3 prong short handled adjustable	10.80 per doz.
5 prong long handled adjustable	16.00 per doz.

NOZZLES

Brass adjustable	\$ 7.20 per doz.
Fan shaped	10.20 per doz.

HORTICULTURAL ACCESSORIES—continued

PLASTIC GLAZING

Prepaid any place outside of California

GLAZING: We have available excellent material for plastic glazing. It is effective for hot beds, small greenhouses, cold frames and for poultry houses. This material is light, unbreakable, transparent, weatherproofed and air tight. It offers more ultra-violet rays than ordinary window glass. It is installed easily by tacking and can be cut with an ordinary scissors. To permit drainage, it should be installed at an angle.

"SUNFED" Plastic Glazing—

	Length of Roll	Width	Price
Made in green color.....	50 ft.	36"	\$ 7.50
	100 ft.	36"	15.00

"DOPLEX" Plastic Glazing—

Made in violet color, 25% heavier than Sunfed	50 ft.	36"	8.00
	100 ft.	36"	16.00

BAMBOO RAKES

Best Quality—California Made

Shipped in bundles of two dozen. \$10.20 dozen

WOODEN LABELS

In Unbroken Packages of 1000 Each

	Per 1000
3½ inch Copper Wire.....	\$ 3.25
4 inch Pot Label, Painted.....	2.85
5 inch Pot Label, Painted.....	3.40
6 inch Pot Label, Painted.....	4.00
8 inch Pot Label, Painted.....	7.75
10 inch Pot Label, Painted.....	8.50
12 inch Pot Label, Painted.....	12.00

RED ARROW SPRAY

One of America's leading insecticides

Size	Packed Per Case	Price
1 oz.	1 doz.	\$ 2.70
4 oz.	1 doz.	8.00
Pints	1 doz.	22.50
Quarts	1 doz.	44.60
Gallon	1 only	14.50

No orders please for less than case lots.

LAWN SPRINKLERS

Tulip Sprinkler..... \$10.80 per dozen

GOPHER TRAPS

Self-Setting, Aluminum, Rust Proof..... \$5.25 dozen

BIRD PAPER POTS

1000 5" Pots..... \$16.00 per 1000

GREENHOUSE PLANTS

F.O.B. Texas

		Per 100	Per 1000
HAHNS IVY			
2 $\frac{1}{4}$ "		\$10.00	\$ 90.00
3"-2 plants to pot		18.00	160.00
4"-3 plants to pot		27.50	250.00

POTHOS AUREUS (Devil's Ivy)

2 $\frac{1}{4}$ "		14.00	120.00
3"-2 plants to pot		27.50	250.00
4"-3 plants to pot		40.00	

GERANIUMS

2 $\frac{1}{4}$ "—Start shipping about Nov. 1st. Red Fiat, Ricard, Impr. Pointevine, Mme. Landry, Irvington Beauty, Wyona, Olympia, Salmon Ideal, Mme. Buckner, Pride of Camden, Calif. Beauty		12.00	100.00
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F.O.B. Florida

Chinese Evergreens —6" to 10", 4 leaves or more		32.50	290.00
Chinese Evergreens —8" to 12", 4 leaves or more		45.00	375.00
Philodendron Cordatum —3 to 5 leaves		10.00	90.00
Philodendron Cordatum —Miniature		8.00	70.00

NEPHTHYTIS, Liberica or Emerald Gem.

2 to 3 leaves, miniatures		6.00	50.00
3 to 5 leaves, miniatures		7.00	60.00
3 to 5 leaves, 4 to 8 ins.		8.00	70.00

Liberica propagating vines, \$20.00 per 1000 eyes.
Emerald Gem propagating vines, \$25.00 per 1000 eyes.

SANSEVIERIAS

LAURENTI

		Per 100	Per 1000
2 leaves		11.00	100.00
3 to 4 leaves		14.00	125.00

ZEYLANICA

2 to 3 leaves		6.50	55.00
3 to 5 leaves		8.00	70.00

ZEYLANICA miniatures, 3 to 6 ins.

2 to 3 leaves		6.00	50.00
3 to 5 leaves		7.00	60.00

F.O.B. California

HAHN'S IVY

2 $\frac{1}{2}$ "		17.50	
4"		40.00	

PHILODENDRON

2 $\frac{1}{2}$ "		17.50	
4"		40.00	

SAINTPAULIAS—Blue Boy or Pink Beauty

3"		45.00	
5"		97.50	

GERANIUMS—Rooted Cuttings.

20 Varieties		7.50	
20 Varieties, Unrooted Cuttings		3.50	

PELARGONIUMS—Rooted Cuttings.

20 Varieties		12.00	
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PELARGONIUMS—2 $\frac{1}{4}$ " pots. Spring delivery.

20 Varieties		22.00	
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GREENHOUSE PLANTS—continued

CAMELLIAS IN 2 1/4" POTS

Spring delivery. Ready to transplant in 4" pots or gallon cans.

Variety	Price
Covina —Red	\$40.00 per 100
Pink Perfection —Pink	40.00 per 100
Chandlen Elegans —Cherry Red with White Variegation	70.00 per 100
Prof. Sargent —Red	70.00 per 100
Colonel Fiery —Fiery Red.	75.00 per 100
Fanny Bolis —Red and White	70.00 per 100
Purity —White	45.00 per 100

FERNS, LARGE SIZE

Woodwardia Fern, Five Finger Fern, Deer Tongue Fern, Wood Rustic Fern, Lace-Fern, Maiden-hair-Fern, Sword-Fern, Brake-Fern.

\$38.00 per 100

No orders for less than 25 of one variety, please.

STRELITZIAS

Birds of Paradise
Flowering Size Clumps.

\$10.00 each	\$95.00 per 10 Clumps
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CHRISTMAS GREENS

HOLLY WREATHS

10-in. rings	\$32.00 per doz.
12-in. rings	36.00 per doz.
14-in. rings	40.00 per doz.
16-in. rings	45.00 per doz.
18-in. rings	55.00 per doz.
24-in. rings	60.00 per doz.

Bulk English Holly , sprays from 10 to 18 ins. long, heavily berried	\$.55 per lb.
Variegated Holly , light berried	.75 per lb.

Incense Cedar boughs , heavily berried (5 to 25 bales, 12 ins. to any length.)	\$.45 per lb.
Hemlock boughs , any length to 4 ft.	.22 per lb.

Huckleberry boughs , choice; any amount, 1 1/2 lbs. per bunch	.55 per lb.
Oregon Mistletoe , heavily berried	.45 per lb.

Oregon famous Blueberry Juniper , heavily berried 5-lb. bunches	.55 per lb.
Bulk lots of 100 lbs. or more	.50 per lb.

Manzanita trees , choice (dried); 24 ins. to 6 ft. tall	20.00 per doz.
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Ponderosa Pine , with cones, choice; 10 to 30 ins. in length	.12 per lb.
Ponderosa cones (tree-run, very good)	1.75 per doz.

Jumbo Pine cones , 10 to 18 ins. long	4.50 per doz.
Spruce boughs (No cones, 24 to 48 ins. long, 25 lbs. per bale.)	.20 per lb.

Roping (choice Evergreen), made on manila rope, 4-in. in diameter	.95 per yd.
Spruce cones	4.50 per bu.

Pine cone streamers (6 jumbo cones, greens, small cones, mixed, tied with ribbon)	50.00 per doz.
\$3.50 per doz. additional to above prices on all decorated cones.	

ORCHIDS

All orders for Orchids will be shipped when ready. Please add 5% for packing on all Orchid shipments.

OFFERING F

Cattleya Deckerii (Cattleya Skinerii Var Autumnalis). This species is native of Panama. The flowers are approximately two to three inches across and dark pink in color. The flowers average six to twenty per flower spike. This species resembles C. skinerii in nature and may only be identified by the smallness of the flowers. This species is grown easily in Osmunda fiber.

Large \$4.50 Medium \$3.50 Small \$2.50

Oncidium Ampliatum Var Majas. This species is the true butterfly orchid. The yellow and brown flowers are approximately two inches across, and each spray usually has twelve or more flowers. It is best grown in pots that are three quarters full of broken pottery and one quarter fiber.

Flowering plants \$5.00 100 plants \$450.00

	Each	100 plants
Cypripedium or Paphiopedilum		
Longifolium	\$5.00	\$450.00
Sobralia Leucoxantha	5.00	450.00
Brassia Caudada	3.25	300.00
Cattleya aclandiae	7.00	625.00
Cattleya Amethystoglossa	7.00	625.00
Cattleya bicolor	7.00	625.00
Cattleya Eldorado	14.00	1275.00
Cattleya Guttata	7.00	625.00
Cattleya Harrisonae	7.00	625.00
Cyrtopodium Andersonii	6.00	525.00
Epidendrum Cinnabarinum	6.00	525.00
Laelia Perinii	6.00	625.00
Laelia Purpurata	6.00	625.00
Oncidium Flexuosum	6.00	525.00
Oncidium Sarcodes	6.00	525.00
Oncidium Varicosum Var Rogercii	6.00	525.00
Brassavola Perrinii	6.00	525.00

Oncidium Stipitatum. This species is commonly called the "rat-tail" orchid. The leaves consist of pencil like growth that vary from eight to sixteen inches long in full grown plants. The flowers are slightly smaller than those of O. ampliatum. It is best grown in osmunda fiber.

Flowering plants \$3.75 100 plants \$350.00

	Each	100 plants
Oncidium Confusum	\$3.75	\$350.00
	Each	
Oncidium Carthaginense		\$6.00
Oncidium Panamense		6.50
Epidendrum Atro-Purpureum Var Roseum		5.00
Epidendrum Atro-Purpureum Var Randii		5.00

	Each	100 plants
Epidendrum Ciliare	\$4.75	\$450.00
Epidendrum Fragrans	4.00	375.00
Bletia Florida	3.25	300.00

Brassavola Nodosa. This species is called the "Lady of the Night" by the natives of Central America; this name originates from the perfume the flowers emit at night. The flowers are white and approximately three inches across.

Plants \$3.25 each (two plants) 100 plants \$300.00

	Each	100 plants
Trigonidium Seemannii	\$3.25	\$300.00
Vanilla Pompona	3.00	200.00

Osmunda Fiber \$4.50 per bag

ORCHIDS—continued

OFFERING C

Prices per Plant

No orders please less than 10 plants.

CATTLEYA HYBRIDS

B. C. Evalina, L. C. Exima, L. C. Mygdon..	22.50
	27.50
	32.50

CYMBIDIUMS

Bittern, Beatrice, Butterfly, Curlew, Hugh Evans, Erica, Insigne, Margaret, Pauwelsi, Rachel.....	\$35.00
Madeline, Wintercheer	25.00
Pauwelsi	40.00

ONCIDIUMS

O. Splendidum	12.50
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PHALAENOPSIS

4½ and 5-in. 5½ and 6-in.

P. Schilleriana crosses pinks, P. crosses whites	\$25.00	\$29.00
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ZYGOPETALUM MACKAYI

Crinitum	12.50	20.00
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Delivery June to November, as received
from the tropics; newly potted.

CATTLEYAS

4-in. 5-in. 6-in.

C. Gaskelliana, C. Percivaliana, C.			
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Trianae	\$8.00	\$ 8.50	\$12.50
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C. Gigas, C. Mendeli, C. Mossiae.....	8.00	11.00	14.50
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C. Aurantiaca, C. Bowringiana, C.			
Skinneri	7.00	8.00	11.00

C. Guttata, C. Luteola, C. Loddigesii, C. Labiata, C. Warneri, C. Velutina, C. Violacea	9.00	11.00	14.00
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BRASSIAS

B. Giroudeana, B. Verrucosa	6.50	8.00	9.50
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BRASSAVOLAS

B. Glauca, B. Nodosa.....	6.50	8.00	9.50
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EPIDENDRUMS

E. Atropurpureum, E. Oncidoides, E.			
Frags, E. Cochleatum, E. Ciliare, E. Lionetianum, Shineri, Spectabile, Variegatum	7.00	9.00	12.00

LAELIAS

L. Superbiens, Anceps, Perrini, Grandiflora, Flava, Regnelli.....	7.00	9.00	10.00
	9.00	11.00	14.00

LYCASTES

L. Cruenta, L. Aromatica, L. Skinneri..	6.00	8.00	10.00
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MILTONIAS

M. Endesi, M. Roezli, M. Vexillaria, Clowesi, Moreliana	6.00	8.00	10.00
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ODONTOGLOSSUMS

O. Bictoniense, O. Grande, O. Rossi, O. Schlieperianum, Uro Skinneri, Pulchellum	6.00	8.00	10.00
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ONCIDIUMS

O. Cavendishianum, O. Carthaginense, O. Oblongatum, O. Splendidum, Varicosum Rogersi, Lanceanum, Bi-			
callosum, Robustissimum			10.00

TRICHOPILIA SUAVIS	6.00	8.00	10.00
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COELOGYNE CRISTATA	7.50	10.00	14.00
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STANHOPEA GRAVEOLENS	7.50	10.50	14.00
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ORCHIDS—continued

OFFERING E

No orders please on Offering E for less than \$200.00. On orders under \$200.00 please add 20% to these prices.

	Per 100
AERIDES — <i>Longicoru</i> , <i>Multiflorum</i> , <i>Racemeformis</i>	\$ 55.00
AERIDES — <i>Odoratum</i>	80.00
ARACHNANTHE — <i>Clarkei</i>	48.00
ARACHNANTHE — <i>Cathcartii</i>	75.00
ARUNDINA — <i>Bambusaefolia</i> (Bamboo Orchid)	50.00
BULBOPHYLLUM — <i>Leopardinum</i>	90.00
CALANTHE — <i>Alismaefolia</i> , <i>Biloba</i> , <i>Masuca</i> , & <i>Brevicornu</i>	55.00
CALANTHE — <i>Densiflora</i>	60.00
CIRRHOPE TALLUM — <i>Gutulatum</i>	70.00
CIRRHOPE TALLUM — <i>Ornatissimum</i> (Very curious flower)	85.00
COELOGYNE — <i>Cristata</i> , <i>Elate</i> , <i>Flaccida</i> , <i>Fusces-</i> <i>cens</i> , <i>Ovalis</i> , <i>Ochracea</i> , <i>Occultata</i>	60.00
CYMBIDIUMS — <i>Devonianum</i> , and <i>Cochleare</i>	70.00
CYMBIDIUMS — <i>Aloifolium</i> , <i>Elegans</i> , <i>Ensifolium</i> , <i>Munronianum</i> , <i>Giganteum</i> , <i>Grandiflorum</i> , <i>Longi-</i> <i>folium</i> , <i>Whiteae</i> , <i>Lancifolium</i> , and <i>Pendulum</i>	68.00
CYMBIDIUMS — <i>Gammeanum</i> Hybrid, <i>Eburneum</i> , <i>Mastersii</i>	100.00
CYMBIDIUM — <i>Simonsianum</i>	100.00
CYMBIDIUM — <i>Cyprefolium</i>	100.00
CYMBIDIUM — <i>Lowianum</i>	160.00
CYMBIDIUM — <i>Bicolor</i>	160.00
CYPREPEDIUM — <i>Fairreanum</i>	125.00
CYPREPEDIUMS — <i>Charlesworthii</i> , <i>Venustum</i> , <i>Hirsu-</i> <i>tissimum</i> , and <i>Parishii</i>	125.00
CYPREPEDIUM — <i>Cordigerum</i> (A new introduction from Kashmir)	165.00
CYPREPEDIUMS — <i>Villosum</i> , <i>Insigne</i> , <i>Bellatulum</i>	135.00
DENDROBIUMS — <i>Amoenum</i> , <i>Amplum</i> , <i>Chrysanthum</i> , <i>Heterocarpum</i> , <i>Fimbriatum</i> Var <i>Occulatum</i> , <i>Longicoru</i> , <i>Peirardie</i> , and <i>Rotundatum</i>	48.00
DENDROBIUMS — <i>Wardianum</i> , and <i>Infundibulum</i>	125.00
DENDROBIUMS — <i>Densiflorum</i> , <i>Nobile</i> , <i>Hookerian-</i> <i>um</i> , <i>Gibsonii</i> , <i>Moschatum</i> , <i>Transparence</i>	65.00
DENDROBIUMS — <i>Dalhousianum</i> , <i>Crysotoxum</i> , <i>Crep-</i> <i>idatum</i> , <i>Nutans</i> , <i>Falconerii</i> , <i>Gratiossimum</i> , <i>Litui-</i> <i>florum</i> , <i>Farmerii</i> , <i>Formosum</i> , <i>Ochreatum</i> , <i>Macro-</i> <i>stachyum</i> , <i>Thrysiflorum</i>	100.00
DENDROBIUMS — <i>Brymerianum</i> , <i>Parishii</i> , <i>Candidum</i> , <i>Senile</i> , <i>Carniferum</i> , <i>Clavatum</i> , <i>Devonianum</i> , <i>Scar-</i> <i>brillingui</i> , <i>Sulcatum</i> , <i>Findlayanum</i> , <i>Cumulatum</i> , <i>Aggregatum</i> , <i>Draconis</i> , <i>Jenkinsii</i> , <i>Nobilescens</i>	130.00
ERIA — <i>Convallarioides</i> , <i>Coronaria</i>	47.00
PHAIUS — <i>Grandifolius</i>	100.00
PHAIUS — <i>Wallichii</i> , <i>Mishmensis</i> , <i>Maculatus</i>	65.00
PLEIONE — <i>Hookeriana</i>	75.00
PLEIONE — <i>Maculata</i> , <i>Praecox</i>	50.00
RHINCOSTYLIS — <i>Retusa</i>	65.00
RENANTHERA — <i>Imschootiana</i>	130.00
PHALENOPTYSIS — <i>Mannii</i> , and <i>Parishii</i>	75.00
SACCOLABIUMS — <i>Ampullaceum</i> , and <i>Blumei</i>	60.00
THUNIA — <i>Alba</i>	60.00
VANDA — <i>Coerulea</i> , Deep Blue, 8 to 11 pair of leaves	125.00
VANDA — <i>Agnes Joaquim</i> , and <i>Roxburghii</i>	135.00
VANDAS — <i>Teres</i> , <i>Cristata</i> , <i>Pumila</i> , <i>Parviflora</i> , <i>Un-</i> <i>bulata</i>	75.00
VANDAS — <i>Parishii</i> , <i>Stangeana</i> , <i>Coerulescens</i>	125.00
VANDAS — <i>Spathulata</i> , <i>Amesiana</i> , <i>Kimbballiana</i>	125.00
Osmunda Fiber	\$4.50 per bag

ORCHIDS—continued

OFFERING D

		Number of Bulbs	Leaves	Size	Price
C. Labiata x C. Luminosa		3	3	4"	\$16.00
same		4	3	4"	14.00
#6		4	3	5"	15.00
same		6	6	5"	19.00
C. Ardmore		3	2	4"	18.00
C. Gigas x L. C. Canhamiana		3	3	4"	14.00
C. Labiata x C. Empress Frederick		4	3	5"	19.00
C. Labiata x C. Caroline		4	3	4"	14.00
C. Gigas		3	2	5"	11.00
C. Labiata x C. Fabia		3	2	3½"	14.00
same		3	3	4"	16.00
C. Trianae Alba x C. Fabia		2	2	4"	14.00
C. Gigas		4	3	5"	11.00
L. C. Aphrodite		5	4	4"	20.00
C. Schroederae		6	6	3"	11.00
C. Fabia x C. Labiata		4	4	4"	11.00
C. Trianae x Fine unnamed hybrid		6	4	5"	19.00
C. Labiata x L. C. Eximia		4	4	5"	18.00
C. Mossiae x L. Purpurata		6	4	5"	16.00
C. Trianae x L. C. Bella		4	4	4"	14.00
C. Labiata x C. Fabia		4	2	4"	14.00
C. Skinnerii		6	4	4"	11.00
C. Enid x C. H. S. Leon		3	3	4"	20.00
C. Daffodil x C. Trianae		4	3	4"	11.00
same		7	7	4"	14.00
C. Gigas x L. Purpurata		5	4	4"	20.00
C. Gigas x L. C. Canhamiana		5	4	4"	18.00
C. Gigas x L. Purpurata		4	4	4"	20.00

OFFERING B

ORCHID PLANTS, FLOWERING SIZE

Healthy, vigorous plants

Bifrenaria Harrisonae	\$ 4.50
Brassavola Perrini	4.50
Catasetum Marcrocarpum	4.50
Cattleya Aclandiae	8.00
Cattleya Amethystoglossa	8.00
Cattleya Bicolor	8.00
Cattleya Eldorado	12.00
Cattleya Forbesi	9.00
Cattleya Granulosa	9.00
Cattleya Guttata	9.00
Cattleya HARRISONIAE	9.00
Cattleya INTERMEDIA	8.00
Cattleya LABIATA	8.00
Cattleya Violacea on Superba	12.00
Cyrtopodium Andersoni	4.50
Epidendrum Ciliare	6.50
Epidendrum Cinnabarinum	5.00
Gongora Bufonia	4.50
Huntleya Meleagris	5.00
Laelia Crispa	7.00
Laelia Perrini	8.00
Laelia PURPURATA	8.00
Miltonia Regnelli	6.00
Miltonia Spectabilis var. Moreliana	6.00
Oncidium Flexuosum	4.50
Oncidium Lanceanum	12.50
Oncidium Sarcodes	5.00
Oncidium Varicosum var. Rogerici	4.50
Scuticaria Steeli	7.00
Sophronites Cernua	4.50
Sophronites Grandiflora	5.00
Zygopetalum Mackai	6.00

No orders please for less than 50 plants.

MUM LIST

TERMS OF SALE

1. The minimum order that can be accepted is 500 rooted cuttings.
2. Fifty rooted cuttings of a variety is the minimum that can be supplied.
3. More than 50 of a variety must be in multiples of 50.
4. The minimum number of cuttings of a variety that can be supplied in unrooted cuttings is 250.
5. We can ship between November to May.

AIR FREIGHT

For the past few years the service of Railway Express Agency has not been entirely satisfactory in the delivery of mum cuttings. Our experience with Air Freight this past season indicates that this service is very practical for the delivery of rooted cuttings in the best condition.

Air Freight is prepared to serve customers who are close to an airport, by phoning them when a shipment arrives, and reconsigning shipments via Railway Express to customers who are too far away to pick up shipments at the airport.

All Mums will be shipped Air Freight to West Coast customers unless other shipping instructions are sent.

ALL STOCK TRAVELS AT RISK OF PURCHASER

Stock is carefully packed and we hold "good order" receipt from the Transportation Co. for same. There our responsibility ceases. If the stock reaches you in bad condition accept it "in bad order," notify agents and bring claim against the Delivering Co. for damage caused by their negligence, as no allowance for this cause can or will be made by us.

It will be necessary for us to have orders at least a month in advance of the requested delivery date.

Please indicate the earliest date delivery will be acceptable and the maximum number of cuttings that can be handled in a single shipment. Orders must be marked with a definite delivery date—"early delivery," "when ready" and similar indefinite instructions are not satisfactory.

SUBSTITUTIONS—Our grower will substitute equal or better varieties for items not available unless order is marked **NO SUBSTITUTIONS!**



GOLD COAST (Baur-Steinkamp)

A small deep lemon yellow pompon blooming normally October 25. It lends itself ideally to early shadings. Its clean, vigorous free growth habit is outstanding. In growth habit and production, it is very similar to Pinocchio. It complements and completes an important trio for early shading . . . Gold Coast, Pinocchio and Caroline Yosick. The flower is small and firm; the color is intense. Easily grown and consistently dependable—a top notch cloth house variety. We recommend Gold Coast as the best yellow pompon for early shading.



LAKME (Depetris)

A glistening small white pompon that matures normally November 12. It possesses a hard, durable, formal flower that easily satisfies the most critical demands for keeping and shipping quality. Its trim, smart appearance is enhanced by a chartreuse eye. The habit of growth is free, wiry and the dark, rigid stems develop a very productive compound spray.



RED RUST (Depetris)

An exquisitely colored, well rounded, large pompon blooming November 5. The color is a beautiful blend of orange, red and chrome bronze similar to Natoma. The habit of growth is clean, uniform, and vigorous with excellent foliage and well branched sprays. The scintillating color is an epoch in chrysanthemum breeding but it is sensitive to intense light and is, therefore, best adapted to later greenhouse shadings and natural flowering. It possesses greater vigor and is easier to grow than Natoma. The production excels that of Navaho. In its natural season Red Rust should become a very important variety in creating greater consumer appeal and stimulating interest in intrinsically vivid and useful colors.



OMEGA (Yoder Bros.)

A deep lemon yellow pompon maturing December 10, just nicely following Sunnyside. Omega combines an exceptionally strong, vigorous habit and beautiful dark, glossy foliage with a rigid, wiry spray. The formal flower possesses unusual substance and keeping quality.



SUNKIST (Yoder Bros.)

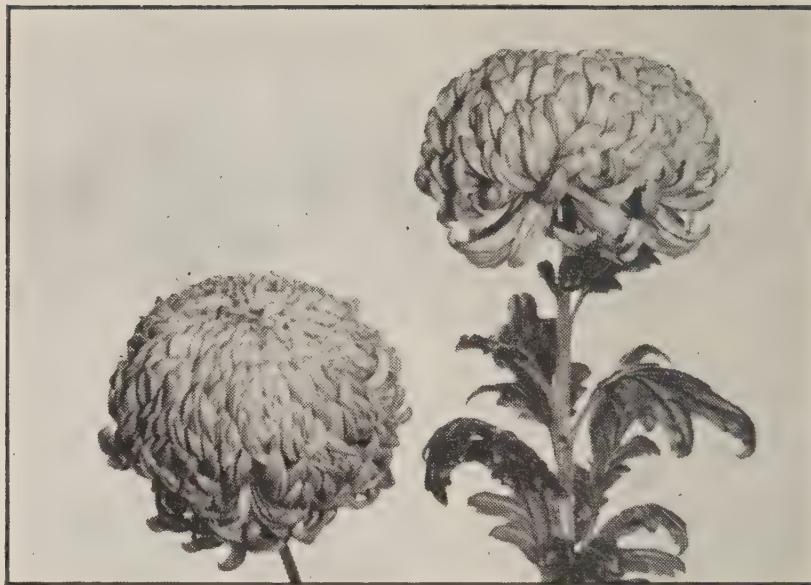
An intense golden yellow single that flowers normally with Vibrant December 20, for the Christmas season.

The variety lends itself to wide variations in culture and dependably produces a profitable crop. Like Vibrant, Yukon, and Rosalind it is well suited to late planting and ground bed culture. In preliminary trials it has responded very satisfactorily when lighted for delayed flowering. Easily grown and readily sold, Sunkist fills a real demand for golden Christmas daisies.



BROCADE (Yoder Bros.)

A lively cameo pink daisy that blooms naturally with Masterpiece, November 15. The variety is of extremely easy culture. Its free, vigorous growth makes for top production. It is medium to tall in height, and the strong stems develop big, well branched sprays. The response of Brocade to shading is similar to that of Masterpiece.



DARK PINK ORCHID QUEEN (Delworth)

An intense mauve pink sport from Orchid Queen with the added attributes of increased vigor in both plant and flower. The importance of its value over its parent for early shading has been proven by extensive tests. The color is much deeper. The flower is larger and more fully rounded. The foliage, stem and height of the plant are larger and stronger than the original. Dark Pink Orchid Queen should rapidly take a prominent position in the list of good standards.



DEBONAIR (Yoder Bros.)

A rich crimson red decorative pompon that blooms normally December 5. Debonair can be lighted for the Xmas season.

MUM FLOWERING SCHEDULE

The following schedule is set up to assist you in planning your shading program. The varieties listed are those which over a long period of time have proved most satisfactory for shading. Refer to this list from time to time for data on pinching and shading dates for the varieties you are growing.

Yellow—Poms, Singles, and Anemones

Variety	Pinching Date	Shading Date	Flowering Date
YELLOW IRENE	Apr. 29	June 8	Aug. 5
GOLD COAST	Apr. 26	June 5	Aug. 5
YELLOW IRENE	May 6	June 15	Aug. 12
GOLD COAST	May 3	June 12	Aug. 12
YELLOW IRENE	May 13	June 22	Aug. 19
GOLD COAST	May 10	June 19	Aug. 19
YELLOW DOT	May 10	June 19	Aug. 19
YELLOW IRENE	May 20	June 29	Aug. 26
GOLD COAST	May 17	June 26	Aug. 26
YELLOW DOT	May 17	June 26	Aug. 26
GOLDEN HERALD	May 17	June 23	Aug. 26
YELLOW DAISY	May 14	June 23	Aug. 26
YELLOW ARCADIA	May 14	June 23	Aug. 26
GOLD COAST	May 24	July 3	Sept. 2
YELLOW DOT	May 24	July 3	Sept. 2
GOLDEN HERALD	May 21	June 30	Sept. 2
YELLOW DAISY	May 21	June 30	Sept. 2
YELLOW ARCADIA	May 21	June 30	Sept. 2
BARCAROLE	May 17	June 26	Sept. 2
NUGGETS	May 17	June 26	Sept. 2
YELLOW BUSHNELL	May 17	June 26	Sept. 2
PIXIE	May 17	June 26	Sept. 2
GOLD COAST	May 31	July 10	Sept. 9
YELLOW DOT	May 31	July 10	Sept. 9
GOLDEN HERALD	May 28	July 7	Sept. 9
YELLOW DAISY	May 28	July 7	Sept. 9
YELLOW ARCADIA	May 28	July 7	Sept. 9
BARCAROLE	May 24	July 3	Sept. 9
NUGGETS	May 24	July 3	Sept. 9
YELLOW BUSHNELL	May 24	July 3	Sept. 9
PIXIE	May 24	July 3	Sept. 9
YELLOW FELLOW	May 20	June 29	Sept. 9
GOLD COAST	June 7	July 17	Sept. 16
GOLDEN HERALD	June 4	July 14	Sept. 16
YELLOW DAISY	June 4	July 14	Sept. 16
YELLOW ARCADIA	June 4	July 14	Sept. 16
BARCAROLE	May 31	July 10	Sept. 16
NUGGETS	May 31	July 10	Sept. 16
YELLOW BUSHNELL	May 31	July 10	Sept. 16
PIXIE	May 31	July 10	Sept. 16
YELLOW FELLOW	May 27	July 6	Sept. 16
PRINCETON	May 23	July 2	Sept. 16
GOLD COAST	June 14	July 24	Sept. 23
GOLDEN HERALD	June 11	July 21	Sept. 23

MUM FLOWERING SCHEDULE—Shaded

Yellow (cont'd)—Poms, Singles, and Anemones

Variety	Pinching Date	Shading Date	Flowering Date
YELLOW DAISY	June 11	July 21	Sept. 23
YELLOW ARCADIA	June 11	July 21	Sept. 23
BARCAROLE	June 7	July 17	Sept. 23
NUGGETS	June 7	July 17	Sept. 23
YELLOW BUSHNELL	June 7	July 17	Sept. 23
PIXIE	June 7	July 17	Sept. 23
YELLOW FELLOW	June 3	July 13	Sept. 23
PRINCETON	May 30	July 9	Sept. 23
GOLD COAST	June 21	July 31	Sept. 30
BARCAROLE	June 14	July 24	Sept. 30
NUGGETS	June 14	July 24	Sept. 30
YELLOW BUSHNELL	June 14	July 24	Sept. 30
PIXIE	June 14	July 24	Sept. 30
YELLOW FELLOW	June 10	July 20	Sept. 30
PRINCETON	June 6	July 16	Sept. 30
GOLDSMITH	June 2	July 12	Sept. 30
GOLDEN JANE	June 2	July 12	Sept. 30
GOLD COAST	June 28	Aug. 7	Oct. 7
BARCAROLE	June 21	July 31	Oct. 7
NUGGETS	June 21	July 31	Oct. 7
YELLOW BUSHNELL	June 21	July 31	Oct. 7
PIXIE	June 21	July 31	Oct. 7
YELLOW FELLOW	June 17	July 31	Oct. 7
PRINCETON	June 13	July 23	Oct. 7
GOLDSMITH	June 9	July 19	Oct. 7
GOLDEN JANE	June 9	July 19	Oct. 7
GOLD COAST	July 5	Aug. 14	Oct. 14
BARCAROLE	June 28	Aug. 7	Oct. 14
NUGGETS	June 28	Aug. 7	Oct. 14
YELLOW BUSHNELL	June 28	Aug. 7	Oct. 14
PIXIE	June 28	Aug. 7	Oct. 14
YELLOW FELLOW	June 24	July 31	Oct. 14
PRINCETON	June 20	July 30	Oct. 14
GOLDSMITH	June 16	July 26	Oct. 14
GOLDEN JANE	June 16	July 26	Oct. 14

White—Poms, Singles and Anemones

Variety	Pinching Date	Shading Date	Flowering Date
IRENE	Apr. 29	June 8	Aug. 5
WHITE JEWELL	Apr. 29	June 8	Aug. 5
PINOCCHIO	Apr. 26	June 5	Aug. 5
IRENE	May 6	June 15	Aug. 12
WHITE JEWELL	May 6	June 15	Aug. 12
PINOCCHIO	May 3	June 12	Aug. 12
IRENE	May 13	June 22	Aug. 19
WHITE JEWELL	May 13	June 22	Aug. 19
PINOCCHIO	May 10	June 19	Aug. 19
MINONG	May 10	June 19	Aug. 19
IRENE	May 20	June 29	Aug. 26
WHITE JEWELL	May 20	June 29	Aug. 26

MUM FLOWERING SCHEDULE—Shaded

White (cont'd)—Poms, Singles and Anemones

Variety	Pinching Date	Shading Date	Flowering Date
PINOCCHIO	May 17	June 26	Aug. 26
MINONG	May 17	June 26	Aug. 26
ARCADIA	May 14	June 23	Aug. 26
IRENE	May 27	July 6	Sept. 2
WHITE JEWELL	May 27	July 6	Sept. 2
PINOCCHIO	May 24	July 3	Sept. 2
MINONG	May 24	July 3	Sept. 2
ARCADIA	May 21	June 30	Sept. 2
SEA GULL	May 17	June 26	Sept. 2
REV. BUSHNELL	May 17	June 26	Sept. 2
LAKME	May 13	June 22	Sept. 2
IRENE	June 3	July 13	Sept. 9
WHITE JEWELL	June 3	July 13	Sept. 9
PINOCCHIO	May 31	July 10	Sept. 9
MINONG	May 31	July 10	Sept. 9
ARCADIA	May 28	July 7	Sept. 9
SEA GULL	May 24	July 3	Sept. 9
REV. BUSHNELL	May 24	July 3	Sept. 9
LAKME	May 20	June 29	Sept. 9
PINOCCHIO	June 7	July 17	Sept. 16
MINONG	June 7	July 17	Sept. 16
ARCADIA	June 4	July 14	Sept. 16
SEA GULL	May 31	July 10	Sept. 16
REV. BUSHNELL	May 31	July 10	Sept. 16
LAKME	May 27	July 6	Sept. 16
MATCHLESS	May 23	July 2	Sept. 16
PINOCCHIO	June 14	July 24	Sept. 23
ARCADIA	June 11	July 21	Sept. 23
SEA GULL	June 7	July 17	Sept. 23
REV. BUSHNELL	June 7	July 17	Sept. 23
VESPER	June 3	July 13	Sept. 23
LAKME	June 3	July 13	Sept. 23
LITTLE AMERICA	June 3	July 13	Sept. 23
MATCHLESS	May 30	July 9	Sept. 23
SEAFOAM	May 26	July 5	Sept. 23
PINOCCHIO	June 21	July 31	Sept. 30
ARCADIA	June 18	July 28	Sept. 30
SEA GULL	June 14	July 24	Sept. 30
REV. BUSHNELL	June 14	July 24	Sept. 30
VESPER	June 10	July 20	Sept. 30
LAKME	June 10	July 20	Sept. 30
LITTLE AMERICA	June 10	July 20	Sept. 30
MATCHLESS	June 6	July 16	Sept. 30
SEAFOAM	June 2	July 12	Sept. 30
PINOCCHIO	June 28	Aug. 7	Oct. 7
ARCADIA	June 25	Aug. 4	Oct. 7
SEA GULL	June 21	July 31	Oct. 7
REV. BUSHNELL	June 21	July 31	Oct. 7
VESPER	June 17	July 27	Oct. 7
LAKME	June 17	July 27	Oct. 7
LITTLE AMERICA	June 17	July 27	Oct. 7

MUM FLOWERING SCHEDULE—Shaded

White (cont'd)—Poms, Singles and Anemones

MATCHLESS	June 13	July 23	Oct. 7
SEAFOAM	June 9	July 19	Oct. 7
PINOCCHIO	July 4	Aug. 14	Oct. 14
ARCADIA	July 2	Aug. 11	Oct. 14
SEA GULL	June 28	Aug. 7	Oct. 14
REV. BUSHNELL	June 28	Aug. 7	Oct. 14
VESPER	June 24	Aug. 3	Oct. 14
LAKME	June 24	Aug. 3	Oct. 14
LITTLE AMERICA	June 24	Aug. 3	Oct. 14
SEAFOAM	June 16	July 26	Oct. 14

Bronze—Poms, Singles and Anemones

Variety	Pinching Date	Shading Date	Flowering Date
FIREBIRD	May 10	June 19	Aug. 19
ADELAIDE	May 10	June 19	Aug. 19
ROMAN BRONZE	May 10	June 19	Aug. 19
FIREBIRD	May 17	June 26	Aug. 26
ADELAIDE	May 17	June 26	Aug. 26
ROMAN BRONZE	May 17	June 26	Aug. 26
RED DAISY	May 14	June 23	Aug. 26
FIREBIRD	May 24	July 3	Sept. 2
ADELAIDE	May 24	July 3	Sept. 2
ROMAN BRONZE	May 24	July 3	Sept. 2
RED DAISY	May 21	June 30	Sept. 2
NAVAHO	May 17	June 26	Sept. 2
CASSANDRA	May 17	June 26	Sept. 2
ROBIN HOOD	May 17	June 26	Sept. 2
FIREBIRD	May 31	July 10	Sept. 9
ADELAIDE	May 31	July 10	Sept. 9
ROMAN BRONZE	May 31	July 10	Sept. 9
RED DAISY	May 28	July 7	Sept. 9
NAVAHO	May 24	July 3	Sept. 9
CASSANDRA	May 24	July 3	Sept. 9
BRONZE BULKELEY	May 24	July 3	Sept. 9
SYLVANNA	May 20	June 29	Sept. 9
FIREBIRD	June 7	July 17	Sept. 16
ROMAN BRONZE	June 7	July 17	Sept. 16
RED DAISY	June 4	July 14	Sept. 16
NAVAHO	May 31	July 10	Sept. 16
CASSANDRA	May 31	July 10	Sept. 16
ROBIN HOOD	May 31	July 10	Sept. 16
BRONZE BULKELEY	May 31	July 10	Sept. 16
SYLVANNA	May 27	July 6	Sept. 16
RED DAISY	June 11	July 21	Sept. 23
NAVAHO	June 7	July 17	Sept. 23
CASSANDRA	June 7	July 17	Sept. 23
ROBIN HOOD	June 7	July 17	Sept. 23
BRONZE BULKELEY	June 7	July 17	Sept. 23
BRONZE MASTERPIECE	June 3	July 13	Sept. 23
SYLVANNA	June 3	July 13	Sept. 23
RED PRINCETON	May 30	July 9	Sept. 23
BRONZE GOLDSMITH	May 26	July 5	Sept. 23

MUM FLOWERING SCHEDULE—Shaded Bronze (cont'd)—Poms, Singles and Anemones

Variety	Pinching Date	Shading Date	Flowering Date
NAVAHO	June 14	July 24	Sept. 30
CASSANDRA	June 14	July 24	Sept. 30
ROBIN HOOD	June 14	July 24	Sept. 30
BRONZE BULKELEY	June 14	July 24	Sept. 30
BRONZE MASTERPIECE	June 10	July 20	Sept. 30
SYLVANNA	June 10	July 20	Sept. 30
RED PRINCETON	June 6	July 16	Sept. 30
BITTERSWEET	June 6	July 16	Sept. 30
BRONZE GOLDSMITH	June 2	July 12	Sept. 30
APRICOT VALENCIA	June 2	July 12	Sept. 30
NAVAHO	June 21	July 31	Oct. 7
CASSANDRA	June 21	July 31	Oct. 7
ROBIN HOOD	June 21	July 31	Oct. 7
BRONZE BULKELEY	June 21	July 31	Oct. 7
BRONZE MASTERPIECE	June 17	July 27	Oct. 7
SYLVANNA	June 17	July 27	Oct. 7
RED PRINCETON	June 13	July 23	Oct. 7
BITTERSWEET	June 13	July 23	Oct. 7
BRONZE GOLDSMITH	June 9	July 19	Oct. 7
APRICOT VALENCIA	June 9	July 19	Oct. 7
NAVAHO	June 28	Aug. 7	Oct. 14
CASSANDRA	June 28	Aug. 7	Oct. 14
ROBIN HOOD	June 28	Aug. 7	Oct. 14
BRONZE BULKELEY	June 28	Aug. 7	Oct. 14
BRONZE MASTERPIECE	June 24	Aug. 3	Oct. 14
SYLVANNA	June 24	Aug. 3	Oct. 14
RED PRINCETON	June 20	July 30	Oct. 14
BITTERSWEET	June 20	July 30	Oct. 14
BRONZE GOLDSMITH	June 16	July 26	Oct. 14
APRICOT VALENCIA	June 16	July 26	Oct. 14

Pink—Poms, Singles and Anemones

Variety	Pinching Date	Shading Date	Flowering Date
DARK PINK JEWELL	Apr. 29	June 8	Aug. 5
CAROLINE YOSICK	Apr. 26	June 5	Aug. 5
PINK PEARL	May 6	June 15	Aug. 12
JEWELL	May 6	June 15	Aug. 12
DARK PINK JEWELL	May 6	June 15	Aug. 12
CAROLINE YOSICK	May 3	June 12	Aug. 12
PINK PEARL	May 13	June 22	Aug. 19
JEWELL	May 13	June 22	Aug. 19
DARK PINK JEWELL	May 13	June 22	Aug. 19
CAPTAIN COOK	May 10	June 19	Aug. 19
PINK DOT	May 10	June 19	Aug. 19
JESSIE	May 10	June 19	Aug. 19
CAROLINE YOSICK	May 10	June 19	Aug. 19
PINK PEARL	May 20	June 29	Aug. 26
JEWELL	May 20	June 29	Aug. 26
DARK PINK JEWELL	May 20	June 29	Aug. 26
CAPTAIN COOK	May 17	June 26	Aug. 26
PINK DOT	May 17	June 26	Aug. 26

MUM FLOWERING SCHEDULE—Shaded

Pink (cont'd)—Poms, Singles and Anemones

Variety	Pinching Date	Shading Date	Flowering Date
JESSIE	May 17	June 26	Aug. 26
CAROLINE YOSICK	May 17	June 26	Aug. 26
OCTOBER PINK	May 14	June 23	Aug. 26
PINK PEARL	May 27	July 6	Sept. 2
JEWELL	May 27	July 6	Sept. 2
DARK PINK JEWELL	May 27	July 6	Sept. 2
CAPTAIN COOK	May 24	July 3	Sept. 2
PINK DOT	May 24	July 3	Sept. 2
JESSIE	May 24	July 3	Sept. 2
CAROLINE YOSICK	May 24	July 3	Sept. 2
OCTOBER PINK	May 21	June 30	Sept. 2
MRS. BULKELEY	May 17	June 26	Sept. 2
DARK PINK BULKELEY	May 17	June 26	Sept. 2
PINK PEARL	June 3	July 13	Sept. 9
JEWELL	June 3	July 13	Sept. 9
DARK PINK JEWELL	June 3	July 13	Sept. 9
CAPTAIN COOK	May 31	July 10	Sept. 9
PINK DOT	May 31	July 10	Sept. 9
JESSIE	May 31	July 10	Sept. 9
CAROLINE YOSICK	May 31	July 10	Sept. 9
OCTOBER PINK	May 28	July 7	Sept. 9
MRS. BULKELEY	May 24	July 3	Sept. 9
DARK PINK BULKELEY	May 24	July 3	Sept. 9
CAPTAIN COOK	June 7	July 17	Sept. 16
PINK DOT	June 7	July 17	Sept. 16
JESSIE	June 7	July 17	Sept. 16
CAROLINE YOSICK	June 7	July 17	Sept. 16
OCTOBER PINK	June 4	July 14	Sept. 16
MRS. BULKELEY	May 31	July 10	Sept. 16
DARK PINK BULKELEY	May 31	July 10	Sept. 16
CAPTAIN COOK	June 14	July 24	Sept. 23
PINK DOT	June 14	July 24	Sept. 23
JESSIE	June 14	July 24	Sept. 23
CAROLINE YOSICK	June 14	July 24	Sept. 23
OCTOBER PINK	June 11	July 21	Sept. 23
MRS. BULKELEY	June 7	July 17	Sept. 23
DARK PINK BULKELEY	June 7	July 17	Sept. 23
MASTERPIECE	June 3	July 13	Sept. 23
BROCADE	June 3	July 13	Sept. 23
CAPTAIN COOK	June 21	July 31	Sept. 30
PINK DOT	June 21	July 31	Sept. 30
JESSIE	June 21	July 31	Sept. 30
CAROLINE YOSICK	June 21	July 31	Sept. 30
OCTOBER PINK	June 18	July 28	Sept. 30
MRS. BULKELEY	June 14	July 24	Sept. 30
DARK PINK BULKELEY	June 18	July 28	Sept. 30
MASTERPIECE	June 10	July 24	Sept. 30
BROCADE	June 10	July 20	Sept. 30
MINUET	June 2	July 12	Sept. 30
DARK PINK VALENCIA	June 2	July 12	Sept. 30
VALENCIA	June 2	July 12	Sept. 30

MUM FLOWERING SCHEDULE—Shaded

Pink (cont'd)—Poms, Singles and Anemones

Variety	Pinching Date	Shading Date	Flowering Date
CAPTAIN COOK	June 28	Aug. 7	Oct. 7
PINK DOT	June 28	Aug. 7	Oct. 7
JESSIE	June 28	Aug. 7	Oct. 7
CAROLINE YOSICK	June 28	Aug. 7	Oct. 7
OCTOBER PINK	June 25	Aug. 4	Oct. 7
MRS. BULKELEY	June 21	July 31	Oct. 7
DARK PIN KBULKELEY	June 21	July 31	Oct. 7
MASTERPIECE	June 17	July 27	Oct. 7
BROCADE	June 17	July 27	Oct. 7
MINUET	June 9	July 19	Oct. 7
DARK PINK VALENCIA	June 9	July 19	Oct. 7
VALENCIA	June 9	July 19	Oct. 7
CAPTAIN COOK	July 5	Aug. 14	Oct. 14
PINK DOT	July 5	Aug. 14	Oct. 14
JESSIE	July 5	Aug. 14	Oct. 14
CAROLINE YOSICK	July 5	Aug. 14	Oct. 14
OCTOBER PINK	July 2	Aug. 11	Oct. 14
MRS. BULKELEY	June 28	Aug. 7	Oct. 14
DARK PINK BULKELEY	June 28	Aug. 7	Oct. 14
MASTERPIECE	June 24	Aug. 3	Oct. 14
BROCADE	June 24	Aug. 3	Oct. 14
MINUET	June 16	July 26	Oct. 14
DARK PINK VALENCIA	June 16	July 26	Oct. 14
VALENCIA	June 16	July 26	Oct. 14

FLOWERING SCHEDULE

Normal Flowering

Use this schedule for setting up your plantings for normal maturity without shading. Your attention is called to the suggested pinching dates.

Yellow Poms, Singles and Anemones

Variety	Pinching Date	Flowering Date
BARBARA CUMMING	June 20	Sept. 15
EARLY YELLOW	June 20	Sept. 15
MORNING STAR	June 20	Sept. 20
POMPONETTE	June 20	Sept. 20
KING MIDAS	June 30	Sept. 30
JUDITH ANDERSON	July 8	Oct. 15
YELLOW IRENE	July 8	Oct. 15
RODELL IMPROVED	July 8	Oct. 20
YELLOW HAMMER	July 8	Oct. 20
CINCINNATI	July 8	Oct. 20
GOLDEN SPRAY	July 12	Oct. 23
GOLD COAST	July 12	Oct. 25
GOLDEN HERALD	July 12	Oct. 25
YELLOW DOT	July 12	Oct. 25
YELLOW ARCADIA	July 16	Oct. 28
YELLOW DAISY	July 16	Nov. 1
MARY L. HALL	July 16	Nov. 1
YELLOW SEA GULL	July 16	Nov. 1

MUM FLOWERING SCHEDULE—Normal

Yellow (cont'd)—Poms, Singles and Anemones

BARCAROLE	July 19	Nov. 5
NUGGETS	July 19	Nov. 5
YELLOW BUSHNELL	July 19	Nov. 8
PIXIE	July 19	Nov. 10
DERIGOLD	July 19	Nov. 10
YELLOW BEAUTY	July 19	Nov. 10
HELIOS	July 19	Nov. 10
PRINCETON	July 22	Nov. 15
YELLOW FELLOW	July 22	Nov. 15
SUNRAY	July 22	Nov. 15
YELLOW FRIEDA	July 22	Nov. 15
SUSANNE MILLER	July 25	Nov. 18
GOLDEN SURPRISE	July 25	Nov. 18
GOLDEN EMBLEM	July 25	Nov. 23
HAS. GOLD	July 25	Nov. 23
YELLOW ROLINDA	July 25	Nov. 23
SUNNYSIDE	July 28	Nov. 25
LODESTAR	July 28	Nov. 25
GOLDESMITH	July 28	Nov. 25
GOLDEN JANE	July 28	Nov. 28
YELLOW CORDOVA	July 28	Nov. 30
YELLOW CAMEO	July 31	Dec. 5
GLEAM	July 31	Dec. 5
OMEGA	Aug. 2	Dec. 10
YELLOW SUPREME	Aug. 2	Dec. 10
DECEMBER GOLD	Aug. 4	Dec. 15
YELLOW GARZA SUPREME	Aug. 7	Dec. 15
SUNKIST	Aug. 7	Dec. 20
YELLOW SNOW	Aug. 7	Dec. 30

White Poms, Singles and Anemones

Variety	Pinching Date	Flowering Date
SILVER MOON	June 20	Sept. 15
JEAN CUMMING	June 20	Sept. 20
NORTH STAR	June 25	Sept. 25
avalanche	July 4	Oct. 5
UVALDA	July 4	Oct. 10
WHITE JEWELL	July 8	Oct. 15
SILVER BALL	July 8	Oct. 15
IRENE	July 8	Oct. 15
MINONG	July 12	Oct. 20
PINOCCHIO	July 12	Oct. 25
GRANITE STATE	July 12	Oct. 25
ARCADIA	July 16	Oct. 28
SEA GULL	July 16	Nov. 1
WHITE DOTY	July 16	Nov. 1
BLANCHE	July 16	Nov. 1
WHITE IZOLA	July 16	Nov. 1
WHITE ANEMONE	July 19	Nov. 5
REV. BUSHNELL	July 19	Nov. 8
SHASTA	July 19	Nov. 8
CRYSTAL JEWELL	July 19	Nov. 8

MUM FLOWERING SCHEDULE—Normal

White (cont'd)—Poms, Singles and Anemones

Variety	Pinching Date	Flowering Date
VESPER	July 19	Nov. 10
WHITE MENSA	July 19	Nov. 10
LITTLE AMERICA	July 19	Nov. 10
RICHARD MANDEL	July 19	Nov. 10
LAKME	July 22	Nov. 12
CHICAGO PEARL	July 22	Nov. 15
WHITE FRIEDA	July 22	Nov. 15
WHITE NORMA	July 25	Nov. 18
LONG ISLAND BEAUTY	July 25	Nov. 20
NEVADA	July 25	Nov. 20
PEARL	July 25	Nov. 20
SEAFoam	July 25	Nov. 20
MATCHLESS	July 28	Nov. 20
PRISCILLA	July 28	Nov. 23
WHITE YULETIDE	July 28	Nov. 28
CORDOVA	July 28	Nov. 30
ROYAL QUEEN	July 31	Dec. 5
CAMEO	July 31	Dec. 5
YUKON	Aug. 2	Dec. 10
WHITE SUPREME	Aug. 2	Dec. 10
POM. DEC. GLORY	Aug. 4	Dec. 15
GARZA SUPREME	Aug. 7	Dec. 15
SNOW	Aug. 7	Dec. 30
IVORY SNOW	Aug. 7	Dec. 30
REVELATION	Aug. 10	Dec. 30

Bronze & Red Poms, Singles & Anemones

Variety	Date Pinching	Date Flowering
EARLY BRONZE	June 20	Sept. 15
NANCY COPELAND	June 25	Sept. 25
BURGUNDY	July 4	Oct. 5
RUBY POMPON	July 4	Oct. 5
CALIPH	July 4	Oct. 8
RED VELVET	July 4	Oct. 8
AVIATOR	July 4	Oct. 10
INDIAN SUMMER	July 8	Oct. 15
ROMAN BRONZE	July 12	Oct. 20
ADELAIDE	July 12	Oct. 23
JEMIMA	July 12	Oct. 23
NATOMA	July 12	Oct. 25
FIREBIRD	July 12	Oct. 25
OCTOBER BRONZE	July 16	Oct. 28
BRONZE DAISY	July 16	Nov. 1
BRONZE IZOLA	July 16	Nov. 1
RED IZOLA	July 16	Nov. 1
BRONZE BUCKINGHAM	July 16	Nov. 3
ROBIN HOOD	July 19	Nov. 5
NAVAHO	July 19	Nov. 5
RED RUST	July 19	Nov. 5
CASSANDRA	July 19	Nov. 5
RED DAISY	July 19	Nov. 5

MUM FLOWERING SCHEDULE—Normal

Bronze & Red (cont'd)—Poms, Singles and Anemones

BITTERSWEET	July 19	Nov. 8
BRONZE BULKELEY	July 19	Nov. 8
SYLVANNA	July 19	Nov. 10
EUROPA	July 19	Nov. 10
THE TITAN	July 19	Nov. 10
RED MELBA	July 19	Nov. 10
NEW YORK	July 22	Nov. 13
BRONZE MASTERPIECE	July 22	Nov. 15
RED PRINCETON	July 22	Nov. 15
GYPSY	July 22	Nov. 15
RUSTICON	July 25	Nov. 20
CATHERINE	July 25	Nov. 20
LEGAL TENDER	July 25	Nov. 20
RED ROLINDA	July 25	Nov. 23
BRONZE GOLDSMITH	July 28	Nov. 25
DOROTHY TURNER	July 28	Nov. 25
YOLANDA	July 28	Nov. 25
ARGO	July 28	Nov. 28
JANE	July 28	Nov. 28
APRICOT VALENCIA	July 28	Nov. 28
CARNELIA	July 28	Nov. 28
VIKING	July 31	Dec. 1
ROYAL CRIMSON	July 31	Dec. 1
CAVALCADE	Aug. 2	Dec. 10
BRONZE SUPREME	Aug. 2	Dec. 10
DEBONAIR	Aug. 2	Dec. 10
SARONG	Aug. 4	Dec. 15

Pink Poms, Singles and Anemones

Variety	Pinching Date	Flowering Date
EARLY WONDER	June 20	Sept. 15
MORNING GLOW	June 25	Sept. 25
JEAN TREADWAY	June 30	Oct. 1
MRS. DU PONT	July 4	Oct. 5
LAVENDER LADY	July 4	Oct. 8
ALLEGRO	July 8	Oct. 15
JEWELL	July 8	Oct. 15
DARK PINK JEWELL	July 8	Oct. 15
PINK PEARL	July 8	Oct. 20
CAROLINE YOSICK	July 8	Oct. 20
CAPTAIN COOK	July 12	Oct. 23
JESSIE	July 12	Oct. 25
OCTOBER PINK	July 16	Oct. 28
ISOBEL	July 16	Nov. 1
LILLIAN DOTY	July 16	Nov. 1
PINK IZOLA	July 16	Nov. 1
W. H. BUCKINGHAM	July 16	Nov. 3
MRS. BULKELEY	July 19	Nov. 8
DARK PINK BULKELEY	July 19	Nov. 8
THYRA	July 19	Nov. 10
QUEEN OF THE PINKS	July 19	Nov. 10
MASTERPIECE	July 22	Nov. 15

MUM FLOWERING SCHEDULE—Normal

Pink (cont'd)—Poms, Singles and Anemones

Variety	Pinching Date	Flowering Date
ORCHID BEAUTY	July 22	Nov. 15
FREIDA	July 22	Nov. 15
BROCADE	July 22	Nov. 15
NORMA	July 25	Nov. 18
DARK PINK NORMA	July 25	Nov. 18
MINUET	July 28	Nov. 25
USONA	July 28	Nov. 25
HASEGAWA PINK	July 28	Nov. 25
BEAUTIFUL LADY	July 28	Nov. 25
UNEEDA	July 28	Nov. 25
VALENCIA	July 28	Nov. 28
DARK PINK VALENCIA	July 28	Nov. 28
ENCHANTRESS	July 31	Dec. 5
RIVIERA	Aug. 2	Dec. 10
PROSPERITY	Aug. 2	Dec. 10
DARK PINK SUPREME	Aug. 2	Dec. 10
PINK TREASURE ISLAND	Aug. 7	Dec. 20
ROSALIND	Aug. 7	Dec. 20

Yellow Standards

Large Flowering Commercial Varieties

Variety	Pinching Date	Blooming Date
GOLD LODGE	July 4	Oct. 5
GOLDEN OCTOBER	July 8	Oct. 15
CELESTRA	July 8	Oct. 15
MRS. H. E. KIDDER	July 12	Oct. 20
YELLOW AMBASSADOR	July 12	Oct. 23
BLAZING GOLD	July 12	Oct. 25
SUNGLOW	July 12	Oct. 25
CITRONELLA	July 16	Oct. 28
GOLDEN GLORY	July 16	Nov. 1
GOOD NEWS	July 16	Nov. 1
YELLOW TURNER	July 19	Nov. 5
INDIANAPOLIS YELLOW	July 19	Nov. 8
CARDONIA	July 19	Nov. 10
PENROD	July 19	Nov. 10
WHITTIER	July 19	Nov. 10
YELLOW MONUMENT	July 22	Nov. 15
YELLOW MEOF	July 25	Nov. 20
BONNAFFON DELUXE	July 25	Nov. 20
FRIENDLY RIVAL	July 25	Nov. 23
MARIE DESPETRIS	July 25	Nov. 23
HARVESTER	July 28	Nov. 25
SUNGOLD	July 28	Nov. 25
GOLDEN PEARSON	July 28	Nov. 25
IMPROVED YELLOW CHATT.	July 28	Nov. 25
GOLDEN MRS. ROSS	July 31	Dec. 3
GOLDEN MISTLETOE	Aug. 2	Dec. 10
METEORE	Aug. 2	Dec. 10
IMPROVED TOBIN'S YELLOW	Aug. 4	Dec. 15

MUM FLOWERING SCHEDULE—Normal

Large Flowering Commercial Varieties

White Standards

Variety	Pinching Date	Blooming Date
SMITH'S EARLY WHITE	July 4	Oct. 5
QUAKER MAID	July 8	Oct. 15
SILVER SHEEN	July 12	Oct. 20
CHRISTINA	July 12	Oct. 20
AMBASSADOR	July 12	Oct. 23
ALBATROSS	July 16	Nov. 1
SNOW WHITE	July 16	Nov. 1
BETSY ROSS	July 16	Nov. 1
WILLIAM TURNER	July 19	Nov. 5
INDIANAPOLIS WHITE	July 19	Nov. 8
JEAN ELIZABETH	July 19	Nov. 10
MONUMENT	July 22	Nov. 15
MARKETEER	July 25	Nov. 18
MEFO	July 25	Nov. 20
WHITE FRICK	July 28	Nov. 25
CHATTANOOGA	July 28	Nov. 25
DECEMBER GLORY LARGE	July 31	Dec. 1
DECEMBER WHITE	July 31	Dec. 5
MARGARET MOELLER	Aug. 2	Dec. 8
IMPROVED DECEMBER BEAUTY	Aug. 2	Dec. 8
WHITE MISTLETOE	Aug. 2	Dec. 10
SMITH'S LATE WHITE	Aug. 4	Dec. 15

Pink Standards

Variety	Pinching Date	Blooming Date
EARLY OCTOBER	July 4	Oct. 10
PINK CHIEF	July 8	Oct. 15
JUSTRITE	July 8	Oct. 15
MAJOR BOWES	July 12	Oct. 20
OCTOBER ROSE	July 12	Oct. 20
PINK TURNER	July 19	Nov. 5
J. W. PRINCE	July 19	Nov. 5
INDIANAPOLIS PINK	July 19	Nov. 8
ORCHID QUEEN	July 19	Nov. 10
DARK PINK ORCHID QUEEN	July 19	Nov. 10
THANKSGIVING PINK	July 25	Nov. 23
HELEN FRICK	July 28	Nov. 23
ED. SEIDEWITZ	July 28	Nov. 25
PINK MISTLETOE	Aug. 2	Dec. 10

MUM FLOWERING SCHEDULE—Normal

Large Flowering Commercial Varieties

Bronze and Red Standards

Variety	Pinching Date	Blooming Date
INDIANOLA	July 8	Oct. 15
HILDA BERGEN	July 12	Oct. 25
ALAMEDA	July 12	Oct. 25
GLITTERS	July 16	Oct. 28
APRICOT QUEEN	July 16	Nov. 1
DETROIT NEWS	July 16	Nov. 1
IVANHOE	July 16	Nov. 1
INDIANAPOLIS BRONZE	July 19	Nov. 8
BRONZE ORCHID QUEEN	July 19	Nov. 10
ANACONDA	July 22	Nov. 15
MRS. DAVID F. ROY	July 22	Nov. 15
GARNET KING	July 25	Nov. 18
GLADYS PEARSON	July 28	Nov. 25
OAK LEAF	July 28	Nov. 25
BRONZE FRICK	July 28	Nov. 25
BRONZE MISTLETOE	Aug. 2	Dec. 10



CAROLINE YOSICK (Shelby Floral)

A small, decorative, lavender pink pompon that flowers naturally October 20. Caroline Yosick gives a sharp and uniform response to black cloth shade and its major value is for August and September flowering. It complements and completes an important trio for early shading—Caroline Yosick, Pinocchio, and Gold Coast.

MUM PRICE LIST

F.O.B. OHIO

The price of Unrooted Cuttings will be \$27.50 per thousand on all standard price (\$40.00) varieties and \$12.50 less than the Rooted price on all premium price varieties.

Variety, Color & Type	Rooted Cuttings Price per 1000
ADELAIDE. Reddish bronze, S. Pompon	\$ 40.00
ALAMEDA. Reddish bronze, Standard	40.00
ALBATROSS. White, Standard	40.00
ALLEGRO. Shrimp pink, Int. Decorative	90.00
AMBASSADOR. Cream White, Standard	40.00
ANACONDA. Coppery bronze, Standard	50.00
APRICOT QUEEN. Orange bronze, Standard	40.00
APRICOT VALENCIA. Apricot buff, L. Single	50.00
ARCADIA. White, Intermediate Pompon	40.00
ARGO. Orange bronze, Intermediate Pompon	70.00
AVALANCHE. White, Intermediate Decorative	50.00
AVIATOR. Coppery red, Int. Decorative	90.00
BARBARA CUMMING. Buff yellow, Int. Decorative	40.00
BARCAROLE. Golden yellow, Int. Pompon	90.00
BEAUTIFUL LADY. Light lavender, L. Anemone	40.00
BETSY ROSS. Ivory white, Standard	40.00
BITTERSWEET. Bittersweet red, Int. Single	90.00
BLANCHE. White, Intermediate Anemone	40.00
BLAZING GOLD. Golden yellow, Standard	40.00
BONNAFFON DELUXE. Golden yellow, Standard	40.00
BROCADE. Cameo pink, Int. Single	90.00
BR. BUCKINGHAM. Orange bronze, Int. Single	40.00
BR. BULKELEY. Buff bronze, Int. Pompon	40.00
BR. DAISY. Light bronze, Int. Single	40.00
BR. FRICK. Apricot buff, Standard	40.00
BR. GOLDSMITH. Mar's orange, Int. Decorative	70.00
BR. IZOLA. Reddish bronze, S. Anemone	40.00
BR. MASTERPIECE. Rosewood bronze, Int. Pompon	40.00
BR. MISTLETOE. Buff bronze, Standard	40.00
BR. ORCHID QUEEN. Apricot buff, Standard	40.00
BR. SUPREME. Light bronze, Large Anemone	40.00
BURGUNDY. Wine red, Int. Decorative	40.00
CALIPH. Deep red, Intermediate Decorative	40.00
CAMEO. Ivory white, Intermediate Pompon	40.00
CAPT. COOK. Deep rose pink, Int. Pompon	40.00
CARDONIA. Golden yellow, Standard	40.00
CARNELIA. Bittersweet red, Large Single	40.00
CAROLYN YOSICK. Lavender pink, S. Decorative	90.00
CASSANDRA. Orange bronze, Int. Pompon	50.00
CATHERINE. Reddish bronze, Int. Decorative	40.00
CAVALCADE. Mandarin red, Int. Pompon	40.00
CELESTRA. Lemon yellow, Standard	40.00
CHATTANOOGA. White, Standard	40.00
CHICAGO PEARL. Ivory white, Int. Pompon	40.00
CHRISTINE. White, Standard	40.00
CINCINNATI. Golden yellow, Large Pompon	40.00
CITRONELLA. Buff yellow, Standard	40.00
CORDOVA. Cream white, Int. Decorative	40.00

MUM WHOLESALE PRICE LIST—cont'd

Varieties in Alphabetical Order

Variety, Color & Type	Rooted Cuttings Price per 1000
CRYSTAL JEWELL. White, Small Pompon.....	40.00
DK. PK. BULKELEY. Deep rose pink, Int. Pom.....	40.00
DK. PK. JEWELL. Deep lavender, S. Pompon.....	40.00
DK. PK. NORMA. Deep lavender, L. Anemone.....	40.00
DK. PK. ORCHID QUEEN. Mauve pink, Standard.....	90.00
DK. PK. SUPREME. Lavender, Large Anemone.....	40.00
DK. PK. VALENCIA. Deep orchid pink, Int. Single.....	40.00
DEBONAIR. Crimson red, Large Pompon.....	90.00
DEC. GLORY—LARGE. Ivory white, Standard.....	40.00
DEC. GOLD. Golden yellow, Int. Decorative.....	40.00
DEC. WHITE. White, Standard.....	70.00
DERIGOLD. Golden yellow, Int. Pompon.....	40.00
DETROIT NEWS. Reddish bronze, Standard.....	45.00
DOROTHY TURNER. Reddish bronze, Int. Pompon.....	40.00
EARLY BRONZE. Orange bronze, Small Pompon.....	40.00
EARLY OCTOBER. Light lavender, Standard.....	70.00
EARLY WONDER. Lavender, Int. Decorative.....	40.00
EARLY YELLOW. Golden yellow, Small Pompon.....	40.00
ED. SEIDEWITZ. Lavender, Standard.....	40.00
ENCHANTRESS. Deep pink, Large Anemone.....	40.00
EUROPA. Cardinal red, Large Single.....	40.00
FIRE BIRD. Reddish bronze, Int. Decorative.....	40.00
FREIDA. Light lavender, Large Anemone.....	40.00
FRIENDLY RIVAL. Golden yellow, Standard.....	40.00
GARNET KING. Deep red, Standard.....	40.00
GARZA SUPREME. White, Intermediate Anemone.....	40.00
GLADYS PEARSON. Buff bronze, Standard.....	40.00
GLEAM. Deep lemon yellow, Large Anemone.....	40.00
GLITTERS. Reddish orange, Standard.....	40.00
GOLD COAST. Deep lemon yellow, Small Pompon.....	70.00
GOLD LODE. Golden yellow, Standard.....	40.00
GOLDSMITH. Golden yellow, Int. Decorative.....	40.00
GOLDEN EMBLEM. Golden yellow, Int. Pompon.....	90.00
GOLDEN GLORY. Golden yellow, Standard.....	40.00
GOLDEN HERALD. Golden yellow, L. Decorative.....	40.00
GOLDEN JANE. Golden yellow, Large Single.....	50.00
GOLDEN MISTLETOE. Golden yellow, Standard.....	40.00
GOLDEN MRS. ROSS. Golden yellow, Standard.....	40.00
GOLDEN OCTOBER. Lemon yellow, Standard.....	40.00
GOLDEN PEARSON. Golden yellow, Standard.....	40.00
GOLDEN SPRAY. Deep lemon yellow, Int. Pompon.....	40.00
GOLDEN SURPRISE. Sulphur yellow, Int. Pompon.....	50.00
GOOD NEWS. Deep lemon yellow, Standard.....	45.00
GRANITE STATE. White, Large Pompon.....	90.00
GYPSY. Light reddish bronze, S. Anemone.....	40.00
HARVESTER. Deep canary yellow, Standard.....	90.00
HAS. GOLD. Golden yellow, Intermediate Pompon.....	40.00
HAS. PINK. Lavender, Intermediate Single.....	40.00
HELEN FRICK. Rose pink, Standard.....	40.00
HELIOS. Deep golden yellow, L. Anemone.....	40.00
HILDA BERGEN. Reddish bronze, Standard.....	40.00

MUM WHOLESALE PRICE LIST—cont'd

Varieties in Alphabetical Order

Variety, Color & Type	Rooted Cuttings Price per 1000
IMP. DEC. BEAUTY. White, Standard.....	40.00
IMP. TOBIN'S YEL. Lemon yellow, Standard.....	40.00
IMP. YEL. CHATT. Lemon yellow, Standard.....	40.00
IND. BRONZE. Buff bronze, Standard.....	40.00
IND. PINK. Deep lavender, Standard.....	40.00
IND. WHITE. White, Standard.....	40.00
IND. YELLOW. Lemon yellow, Standard.....	40.00
INDIANOLA. Reddish bronze, Standard.....	40.00
INDIAN SUMMER. Orange bronze, Int. Decorative.....	40.00
IRENE. White, Small Pompon.....	40.00
ISOBEL. Light lavender, Small Pompon.....	40.00
IVANHOE. Reddish bronze, Standard.....	90.00
IVORY SNOW. Deep ivory, Int. Pompon.....	70.00
JANE. Buff bronze, Large Single.....	40.00
JEAN CUMMING. Ivory white, Int. Decorative.....	40.00
JEAN ELIZABETH. White, Standard.....	40.00
JEAN TREADWAY. Rose pink, Int. Decorative.....	40.00
JEMIMA. Reddish bronze, Intermediate Pompon.....	40.00
JESSIE. Lavender, Intermediate Pompon.....	40.00
JSEWELL. Lavender, Small Pompon.....	40.00
JUDITH ANDERSON. Golden yellow, Small Pompon.....	40.00
JUSTRITE. Rose pink, Standard.....	40.00
J. W. PRINCE. Rose pink, Standard.....	40.00
KING MIDAS. Lemon yellow, Int. Decorative.....	40.00
LAKME. White, Small Pompon.....	90.00
LAVENDER LADY. Light lavender, Int. Decorative.....	50.00
LEGAL TENDER. Bronze and gold, Int. Dec.....	40.00
LILLIAN DOTY. Light rose pink, Large Pompon.....	40.00
LITTLE AMERICA. White, Intermediate Anemone.....	40.00
LODESTAR. Golden yellow, Intermediate Single.....	70.00
L. I. BEAUTY. White, Large Anemone.....	40.00
MAJOR BOWES. Deep lavender, Standard.....	40.00
MARGARET MOELLER. White, Standard.....	90.00
MARIE DEPETRIS. Golden yellow, Standard.....	40.00
MARKETEER. White, Standard.....	40.00
MARY L. HALL. Deep lemon yellow, Int. Pompon.....	40.00
MASTERPIECE. Tourmaline pink, Int. Pompon.....	40.00
MATCHLESS. White, Intermediate Pompon.....	90.00
MEFO. Ivory white, Standard.....	40.00
METEORE. Lemon yellow, Standard.....	70.00
MINONG. White, Small Pompon.....	40.00
MINUET. Mauve to rose pink, Int. Pompon.....	70.00
MONUMENT. White, Standard.....	40.00
MORNING GLOW. Mauve pink, Small Decorative.....	90.00
MORNING STAR. Primrose yellow, Int. Dec.....	90.00
MRS. BULKELEY. Orchid lavender, Int. Pompon.....	40.00
MRS. DU PONT. Rosy salmon, Int. Decorative.....	50.00
MRS. KIDDER. Deep lemon yellow, Standard.....	40.00
MRS. ROY. Crimson, Standard.....	40.00
NANCY COPELAND. Spectrum red, Int. Single.....	40.00

MUM WHOLESALE PRICE LIST—cont'd

Varieties in Alphabetical Order

Variety, Color & Type	Rooted Cuttings Price per 1000
NATOMA. Flame scarlet, Int. Decorative.....	40.00
NAVAHO. Deep crimson, Intermediate Pompon.....	50.00
Nevada. White, Intermediate Anemone.....	70.00
NEW YORK. Reddish bronze, Small Pompon.....	40.00
NORMA. Orchid pink, Large Anemone.....	40.00
NORTH STAR. White, Single.....	90.00
NUGGETS. Golden yellow, Small Pompon.....	40.00
OAK LEAF. Reddish bronze, Standard.....	40.00
OCT. BRONZE. Light bronze, Int. Single.....	40.00
OCT. PINK. Light lavender, Int. Single.....	40.00
OCT. ROSE. Light lavender, Standard.....	40.00
OMEGA. Lemon yellow, Int. Pom.....	90.00
ORCHID BEAUTY. Orchid, Intermediate Anemone.....	40.00
ORCHID QUEEN. Orchid pink, Standard.....	40.00
PEARL. White, Intermediate Pompon.....	40.00
PENROD. Golden yellow, Standard.....	40.00
PINK CHIEF. Lavender, Standard.....	40.00
PINK DOT. Light pink, Intermediate Pompon.....	40.00
PINK IZOLA. Lavender, Small Anemone.....	40.00
PINK MISTLETOE. Lavender, Standard.....	40.00
PINK PEARL. Rose pink, Small Pompon.....	40.00
PINK TREASURE ISLAND. Light lavender, Int. Dec.....	40.00
PINK TURNER. Light lavender, Standard.....	40.00
PINOCCHIO. White, Small Pompon.....	90.00
PIXIE. Golden yellow, Small Pompon.....	50.00
POM. DEC. GLORY. Ivory white, Int. Dec.....	40.00
POMPONETTE. Light buff yellow, Int. Pompon.....	40.00
PRINCETON. Orange yellow, Int. Decorative.....	40.00
PRISCILLA. White, Intermediate Pompon.....	70.00
PROSPERITY. Deep lavender, Int. Decorative.....	40.00
QUAKER MAID. White, Standard.....	40.00
QUEEN OF PINKS. Lavender, Large Pompon.....	40.00
RED DAISY. Deep red, Intermediate Single.....	40.00
RED IZOLA. Deep red, Small Anemone.....	40.00
RED MELBA. Light red, Large Single.....	40.00
RED PRINCETON. Brazil red, Int. Decorative.....	40.00
RED ROLINDA. Reddish bronze, Int. Anemone.....	40.00
RED RUST. Reddish bronze, Large Pompon.....	90.00
RE DVELVET. Velvety crimson, Int. Decorative.....	70.00
REVELATION. White, Intermediate Pompon.....	50.00
REV. BUSHNELL. Cream white, Int. Pompon.....	40.00
RICHARD MANDEL. White, Large Pompon.....	40.00
RIVIERA. Luminous pink, Int. Decorative.....	50.00
ROBIN HOOD. Deep red, Small Pompon.....	40.00
RODELL IMP. Lemon yellow, Int. Pompon.....	40.00
ROMAN BRONZE. Buff bronze, Intermediate Pom.....	40.00
ROSALIND. Rose pink, Intermediate Single.....	40.00
ROYAL CRIMSON. Deep crimson, Int. Decorative.....	40.00
ROYAL QUEEN. White, Intermediate Pompon.....	40.00
RUBY POMPON. Ruby crimson, Int. Pompon.....	70.00

MUM WHOLESALE PRICE LIST—cont'd

Varieties in Alphabetical Order

Variety, Color & Type	Rooted Cuttings Price per 1000
RUSTICON. Rust red, Intermediate Pompon.....	90.00
SARONG. Crimson scarlet, Intermediate Single.....	40.00
SEAFOAM. White, Intermediate Pompon.....	50.00
SEA GULL. Cream white, Intermediate Pompon.....	40.00
SHASTA. White, Intermediate Anemone.....	40.00
SILVER BALL. White, Large Pompon.....	40.00
SILVER MOON. Cream white, Intermediate Single.....	40.00
SILVER SHEEN. White, Standard.....	40.00
SM. EARLY WHITE. White, Standard.....	40.00
SM. LATE WHITE. Ivory white, Standard.....	40.00
SNOW. Ivory white, Intermediate Pompon.....	40.00
SNOW WHITE. White, Standard.....	40.00
SUNGLOW. Golden yellow, Standard.....	40.00
SUN GOLD. Lemon yellow, Standard.....	40.00
SUNKIST. Golden yellow, Intermediate Single.....	90.00
SUNNYSIDE. Golden yellow, Intermediate Pompon.....	50.00
SUNRAY. Light lemon yellow, Int. Anemone.....	40.00
SUSANNE MILLER. Buff yellow, Large Anemone.....	40.00
SYLVANNA. Orange bronze, Intermediate Single.....	70.00
THANKSGIVING PINK. Deep lavender, Standard.....	40.00
THE TITAN. Scarlet crimson, Large Anemone.....	40.00
THYRA. Lavender, Large Pompon.....	40.00
UNEEDA. Lavender, Int. Pompon.....	40.00
USONA. Lavender, Intermediate Pompon.....	40.00
UVALDA. Cream white, Intermediate Pompon.....	40.00
VALENCIA. Orchid Pink, Large Single.....	40.00
VESPER. White, Intermediate Pompon.....	50.00
VIBRANT. Deep lemon yellow, Int. Decorative.....	40.00
VIKING. Deep reddish bronze, Int. Single.....	40.00
WHITTIER. Lemon yellow, Standard.....	40.00
WH. ANEMONE. White, Intermediate Anemone.....	40.00
W. H. BUCKINGHAM. Rose pink, Int. Single.....	40.00
WH. DOTY. Ivory white, Large Pompon.....	40.00
WH. FREIDA. White, Large Anemone.....	40.00
WH. FRICK. White, Standard.....	40.00
WH. IZOLA. White, Small Anemone.....	40.00
WH. JEWELL. White, Small Pompon.....	40.00
WH. MENSA. Ivory White, Intermediate Single.....	40.00
WH. MISTLETOE. White, Standard.....	40.00
WH. NORMA. White, Large Anemone.....	40.00
WH. SUPREME. White, Large Anemone.....	40.00
WM. TURNER. White, Standard.....	45.00
WH. YULETIDE. White Intermediate Pompon.....	40.00
YEL. AMBASSADOR. Lemon yellow, Standard.....	40.00
YEL. ARCADIA. Pernet yellow, Int. Pompon.....	40.00
YEL. BEAUTY. Golden yellow, Large Pompon.....	40.00
YEL. BUSHNELL. Pernet yellow, Int. Pompon.....	40.00
YEL. CAMEO. Deep lemon yellow, Int. Pompon.....	90.00
YEL. CORDOVA. Lemon yellow, Int. Decorative.....	40.00
YEL. DAISY. Deep lemon yellow, Int. Single.....	40.00

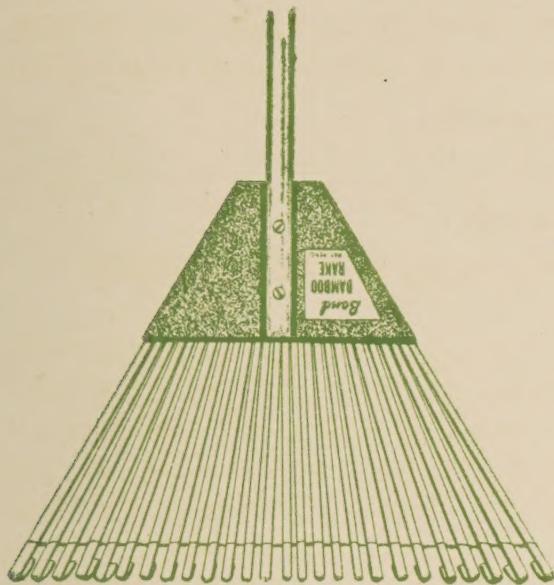
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Equipped with 26 properly spaced bamboo teeth, with the spreader made from rust-proof copper wire. The bamboo teeth are held in place with modern plastic cements. Hundreds of thousands of these rakes in actual use testify to their quality. Frames holding these bamboo rakes are made of masonite—complete with 4 ft. handles. Over-all length—4' 9"—weight about 1-1/8 lbs. per rake. Packed 2 dozen rake heads to the package and 2 dozen handles to the package. Shipped complete unassembled. Dealers Price—\$9.60 per dozen.

Unlike metal rakes "Bond" rakes do not tear up the lawn nor do they get out of alignment.

BAMBOO GARDEN STAKES

Highest quality green-coated Mexican pencil-thickness bamboo garden stakes, available for prompt delivery. Packed 1000 to the bale, 100 to the bundle.

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.....	18 in.	22 lbs.	\$ 5.00
.....	24 in.	33 lbs.	6.50
.....	30 in.	44 lbs.	7.55
.....	36 in.	55 lbs.	9.00
.....	42 in.	88 lbs.	10.25
.....	48 in.	123 lbs.	12.50
.....	54 in.	150 lbs.	15.00
.....	60 in.	200 lbs.	18.50
.....	72 in.	264 lbs.	25.00

..... Doz. #77 BOND BAMBOO GARDEN RAKES @ \$9.60 per dozen

Buy bamboo garden stakes in multiples of 1000.

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Address.....

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CALIFORNIA

MUM WHOLESALE PRICE LIST—cont'd

Varieties in Alphabetical Order

Variety, Color & Type	Rooted Cuttings Price per 1000
YEL. DOT. Golden yellow, Intermediate Pompon.....	40.00
YEL. FELLOW. Deep lemon yellow, Int. Dec.....	40.00
YEL. FREIDA. Lemon yellow, Large Single.....	50.00
YEL. GARZA. Light lemon yellow, Int. Anemone.....	40.00
YEL. HAMMER. Golden yellow, Int. Pompon.....	40.00
YEL. IRENE. Light lemon yellow, Small Pompon.....	40.00
YEL. MEFO. Lemon yellow, Standard.....	40.00
YEL. MONUMENT. Light yellow, Standard.....	40.00
YEL. ROLINDA. Light buff yellow, Int. Anemone.....	40.00
YEL. SEA GULL. Lemon yellow, Int. Pompon.....	40.00
YEL. SNOW. Deep lemon yellow, Int. Pompon.....	40.00
YEL. SUPREME. Buff yellow, Large Anemone.....	40.00
YEL. TURNER. Light yellow, Standard.....	45.00
YOLANDA. Light orange bronze, Small Anemone.....	40.00
YUKON. White, Intermediate Single.....	40.00

NOTE

The price of unrooted cuttings will be \$27.50 per thousand on all standard price (\$40.00) varieties and \$12.50 less than the rooted price on all premium price varieties.

BEGINNERS MUM COLLECTION

Includes 10 varieties Anemones, Poms and Single types and 10 varieties in large Standard types. Fifty of each variety is shipped, which includes a well balanced collection of all colors and types of 1000 plants individually labeled at

\$40.00 per Collection

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